Asbestos & Lead-based Paint Survey Report

GSA Warehouse #1

WA0824KF

Auburn, Washington

April 1994

U.S. Public Health Service

Federal Occupational Health

Region X

206-615-2436

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I. INTRODUCTION

Warehouse #1, of the GSA Puget Sound Field Office, located at the GSA complex, 400 15th Street Southwest, Auburn, Washington, was surveyed for suspected asbestos-containing materials and lead paint in April 1994 by the Division of Federal Occupational Health (FOH), Region X.

II. SUMMARY OF FINDINGS

There were 41 suspect asbestos-containing materials (ACM) identified in this facility. From these materials, 97 bulk samples were collected and analyzed for the presence of asbestos. Table 1 shows the location and quantity of each asbestos-containing material sorted by location, and Table 2 is sorted by material and also contains a summary of the total quantity for each asbestos-containing material. Table 3 lists all suspect ACM, both positive and negative. Table 4 shows the materials that contained 1% or greater asbestos, and Table 5 shows the materials that contained zero or less than 1% asbestos.

There were 13 suspect lead-based paints identified in this facility. From these paints, 13 paint chip samples were collected and analyzed for the presence of lead. Table 7 shows the location and quantity of each lead paint sorted by location; and Table 8 lists all suspect materials, both positive and negative. Table 9 lists all the paint containing lead [(0.5% or greater) or (1 mg/sq cm or greater)], and Table 10 lists all paint considered negative [(less than 0.5% lead) or (less than 1 mg/sq cm of lead)]. NOTE: mg/sq cm = milligrams per square centimeter. Listed below is a summary of the findings. A complete description of the findings is in Section VI, Findings and Discussion.

A. ASBESTOS (Summary of Findings)

High Concern

There are a number of rooms in the office area of the warehouse where suspended ceiling tiles present contain asbestos fibers in the matrix of the tile. The tile is in good condition and does not pose an exposure threat to occupants at this time. However, this material can be easily broken, penetrated, or reduced to a crumbly, powdery substance by hand pressure, thus releasing fibers to the air. There is approximately 180 square feet in the receiving office (WA007); 1320 square feet in the office hallway (WA008); 66 square feet in the storeroom next to the men's restroom (WA012); 108 square feet in the ladies' lounge (WA014); and 400 square feet in the break room (WA017). Each of the above-identified areas of concern should have the asbestos-containing ceiling tiles replaced as soon as possible.

Medium Concern

Asbestos-containing thermal system insulation is present on the steam boilers, condensate tank, manifold, feed water pipes, and the elbows/joints of heating and domestic water lines in the boiler room. It is also present on heating and domestic water piping systems near the rest rooms and in the utility chase between the men's and ladies' rest rooms. Lastly it is present on the steam manifold on the east wall of bay 3 of the warehouse and on steam lines suspended from the ceiling that feed space heaters in each bay. This material is in good condition, encased by lagging material to prevent exposure to the asbestos-containing insulation underneath. However, these insulating materials are extremely friable and should be replaced with non-asbestos materials if the laggings become deteriorated or during remodel or renovation time.

Low Concern

The materials listed below all tested positive for asbestos but are in good condition. If left undisturbed, they can remain in place with no cause for concern to occupants.

Asbestos containing floor tile and adhesive mastic were identified in the warehouse smoking room, receiving office, and a number of rooms in the office section of the warehouse. The baseboard mastic in the receiving office also contains asbestos. Except for the office hallway, the tile in the office areas is beneath carpet. These materials were not friable at the time of inspection and were not easily disturbed.

Cement asbestos board has been used as a soffit between the roof edge and exterior window casings. It has also been used to line the interior walls of the sprinkler control valve housings adjacent to the exterior west and east walls of the warehouse. This material was not friable at the time of inspection and was in fairly good condition.

The composite asphalt roof sheet on the roofs over the office/boiler room, passageways, and loading docks tested positive for asbestos content. This material is not friable and can remain on the building as long as it is maintained in good condition.

Asbestos-containing asphalt was used as a sealer between the seams of the concrete pads that comprise the warehouse floor. The asbestos is tightly bound in the matrix of the asphalt, and the exposure potential is low.

Joint compounds used around the boiler room wall and steam manifold and as expansion joints in the exterior warehouse walls

also contained asbestos. These materials are in fairly good condition, and what asbestos content there is, is tightly bound in the matrices of the compounds.

All of the materials described in this section should be included in an Operations and Maintenance Plan until such time as they are no longer present on site or it is determined that they do not contain asbestos.

B. LEAD-BASED PAINT (Summary of Findings)

All the exterior walls, warehouse doors, and window casings are covered with lead-containing paint.

High Concern

None

Medium Concern

Lead containing paint on the exterior east, south, and west walls of the warehouse has fair to moderate delamination. Lead containing green and orange paint was present on some of the piping system in the boiler room.

Potential inhalation exposures to lead are increasing as more of these coatings delaminate or chip loose. Removal of exterior coatings and floor paint should be scheduled in the near future. If affected surfaces are to be renovated or remodeled, such activities will have to be performed in a manner so as to prevent paint dusts from being generated and released into the air.

Low Concern

Traffic paint in the form of striping has been applied to the floors of the warehouse bays and north and south passageways. There has been a slight amount of chipping/deterioration of this paint from the use of hard rubber wheeled industrial trucks used in the warehouse.

Paint containing lead was present on the north exterior wall, exterior warehouse doors, all window casings, and on interior warehouse doors and warehouse/office window casings. Lead-containing green and orange paint was applied to some of the piping systems in the boiler room. All of these coatings appeared to be in fairly good condition with little or no accumulation of paint dust or chips. If affected surfaces are to be renovated or remodeled, such activities will have to be performed in a manner so as to prevent paint dusts from being generated and released into the air.

III. FACILITY DESCRIPTION

Warehouse #1 is a one-story structure constructed in the mid-1940s, approximately 200,000 square feet in area. Building composition is a cinder block shell over a concrete slab foundation. Fire walls divide the interior space into four equal areas. The roof is flat with either hot-mopped tar and roof sheet or a composite rubber membrane, over a wood substrate supported by vertical beams and trusses. There are offices and a boiler room on the east side of the building. The boilers create low pressure steam and heating water which is delivered to heating coils in fan units centrally hung from the rafters in the warehouse spaces or perimeter radiators in office spaces.

IV. SAMPLING STRATEGY AND METHODOLOGY

A. ASBESTOS (Sampling Strategy and Methodology)

A walk-through inspection of all accessible areas of the facility was performed to identify visible suspect asbestos-containing materials. Materials which are buried, enclosed behind walls or plaster ceilings, under metal jackets, or otherwise inaccessible without destructive testing were generally not investigated.

Surfacing, thermal insulation on the building's heating and plumbing system, and miscellaneous materials were examined. Upon identifying a suspect material, its' location and type were noted. Samples were obtained, placed in plastic bags, and labeled with a number. Samples were collected to achieve a representative characterization of the visible suspect asbestos-containing materials found.

All samples were taken within EPA guidelines to minimize potential contamination to the surrounding area. Bulk sample locations, notes, and observations were made on-site at the time of sampling. All applicable data were transferred to the sample data sheets located in Appendix 5.

All bulk samples are identified by the letter "B", meaning <u>bulk</u>.

The amount of asbestos in the sample is shown on the data sheets, along with an observation of the condition of the material. An asbestos content of approximately 1% in bulk materials is the limit of polarized light microscopy (PLM) detection for this analytical method. If the microscopist can see no fibers in the sample within the analytic technique, the percentage is reported as <u>none detected</u>. There will be no entry under the columns <u>chrysotile</u> or <u>amosite</u> in this case. In other words, materials positive for asbestos were analyzed as having 1% or more asbestos. Materials listed as non-asbestos containing may

actually include materials which contain asbestos, though less than 1%.

It was determined that any material found to contain up to 1% asbestos by PLM analysis would be point counted to further verify actual asbestos content. Point counting is a method where asbestos content can be mathematically calculated based on an objective count of asbestos-containing samples. This method requires 8 slide preparations of the sample (as opposed to 3 for the usual volume estimation technique). On each of the 8 preparations, 50 "points" are counted. A "point" is where a cross-hair or dot viewed on the microscope falls over a randomly chosen area of the sample slide preparation. Points which fall on an asbestos fiber and on non-asbestos material are counted, up to a total of 400 points. "Empty" points (a point on a blank area of the slide) are not included. The number of asbestos points are then mathematically compared to the total of 400 points and a percentage of asbestos is calculated. The accurate estimation of asbestos with this technique is still dependent upon the analyst's ability to correctly identify asbestos fibers. This method does not improve the ability of the analyst to detect the asbestos, and there are also problems associated with fibers covered by particles, which make positive identification difficult.

The bulk asbestos-containing material samples were analyzed by an EPA approved laboratory, a firm accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). Samples were analyzed using PLM and dispersion staining.

B. LEAD-BASED PAINT (Sampling Strategy and Methodology)

A walk-through inspection of all accessible areas of the facility was performed to identify visible suspect lead-based paint. Paint chips were taken of every different painted material. The paint chip samples were sent to AMTEST to be analyzed by atomic absorption spectrometry. The results were given in micrograms of lead per gram of paint. These results were then converted to a percentage.

Sample identification numbers and the test results, positive (+) or negative (-), were written on field drawings. The results were considered negative for a paint which contained less than 0.5% lead. The sample was considered positive for a paint if the lead content was 0.5% or greater. It is important to note that negative samples could have trace levels of lead.

All reading results are identified by the letter "L", meaning lead. The numbers following the "L" represent the sequence in which the samples were taken.

V. MATERIAL ASSESSMENT CRITERIA

A. ASBESTOS (Material Assessment Criteria)

The basic elements that combine to form an asbestos assessment are friability, condition, accessibility and potential for exposure to occupants and maintenance workers, the potential for future damage, and the potential for fiber release by vibration or air erosion. A material that is friable is one that can be crumbled or pulverized by the use of hand pressure. Floor tile is not friable; sprayed-on ceiling insulation is friable. Asbestos material that is friable will more easily release fibers than a material that is non-friable.

Accessibility refers to the location of the material relative to the building occupants. The closer to the material that an occupant or maintenance worker is, the higher the accessibility will be. While many asbestos materials may be located in areas of limited accessibility to occupants, air currents or vibration (typically from mechanical systems) can easily result in transportation of fibers to occupied areas of the building.

By removing the aspect of friability, the same assessment criteria applies to lead paint.

When assessing the condition of a material, this survey uses three categories: good, fair, and poor. An undamaged material is classified as being in good condition. A material that has received minor damage (less than 10% if scattered damage or 25% if localized) is classified as being in fair condition. If more than 10% of the material is damaged, it is classified as being in poor condition.

It is possible for one material to qualify for two or more conditions if damage is limited to one area and the remaining material is undamaged. Damage can be caused by such factors as water leaks, accidental impact, equipment use (e.g., forklifts), or routine activity of occupants or maintenance workers.

B. LEAD-BASED PAINT (Material Assessment Criteria)

Paints were grouped in homogenous areas (PHAs) for testing according to building component.

The condition of the painted areas was rated as good, fair, or poor based on the amount of damaged painted area (i.e., flaking, cracking, or otherwise damaged). It is important to note there could be hidden lead-based paints on structures not accessible for testing.

When assessing the condition of a material, this survey uses three categories: good, fair, and poor. An undamaged material

is classified as being in good condition. A material that has received minor damage (less than 10% if scattered damage or 25% if localized) is classified as being in fair condition. If more than 10% of the material is damaged, it is classified as being in poor condition. It is possible for one material to be classified in two or more conditions if damage is limited to one area and the remaining material is undamaged. Damage can be caused by such factors as water leaks, accidental impact, equipment use (e.g., forklifts), or routine activity of occupants or maintenance workers.

VI. FINDINGS AND DISCUSSION

The following is a list of tables and their contents:

Table 1 A list of all locations that contain 1% or more asbestos, grouped by location.

Table 2 A list of asbestos containing materials (1% or more asbestos) grouped by material, showing the locations where they are found.

Table 3 A list of all suspect asbestos containing materials (both positive and negative), grouped by location.

Table 4 A list of all materials that contain 1% or more asbestos, with the percent of asbestos in the material and a description of the material.

Table 5 A list of all materials that contain zero or less than 1% asbestos and a description of the material.

Table 6 A summary of the bulk asbestos samples collected and the analytical results.

Table 7 A list of all locations containing lead paint (0.5% or greater) or (1 mg/sq cm or greater).

Table 8 A list of all suspect lead paint (both positive and negative) by location.

Table 9 A list of all paint containing lead (0.5% or greater) or (1 mg/sq cm or greater) showing concentrations of lead and a description of the paint.

Table 10 A list of all paint considered negative (less than 0.5% lead) or (less than 1 mg/sq cm lead).

Table 11 A list of all paint samples analyzed for lead and the analytical results.

Table 12 A list of the location identification numbers (or codes) and the corresponding buildings, floors, and rooms. These locations are also shown on the floor plan drawings found in Appendix 1.

Table 13 A list of abbreviations used for the various types of materials tested.

Table 14 A list of the abbreviations used to describe the floor, room, and use of the room.

Table 15 A list of the explanations for the abbreviations used in Tables 1, 2, 3, 7, and 8 for response action, condition of the material, and potential contact and disturbance of the materials.

Table 16 Maintenance Action Summary - A list of all asbestos containing materials by location that have an action of "remove", "patch or repair", "encapsulate", or "cover or enclose".

Table 17 Maintenance Action Summary - A list of all lead-based paints by location that have an action of "remove", "patch or repair", "encapsulate", or "cover or enclose".

Appendices:

Appendix 1 Floor plans showing room location identification (WA number).

Appendix 2 Floor plans showing location of asbestos containing material.

Appendix 3 Location of lead-based paints.

Appendix 4 Floor plans showing location of bulk asbestos and lead sample sites.

Appendix 5 Laboratory asbestos bulk data sheets.

FEDERAL Warehouse #1 - AUBURN (WA0824KF)

A. ASBESTOS (Findings and Discussion)

There were 14 different types of asbestos-containing materials identified. The quantities of each are: floor tile mastic - 5,384 sq. ft.; cement asbestos board - 3,800 sq. ft.; baseboard mastic - 7 sq. ft.; acoustical ceiling tile - 2,074 sq. ft.; expansion joint compound - 1,400 ln. ft.; floor tile - 5,384 sq. ft.; boiler insulation - 500 sq. ft.; boiler flue insulation - 120 sq. ft.; pipe fittings (elbows, joints, etc.) - 297; pipe insulation - 2,417 ln. ft.; condensate tank insulation - 70 sq. ft.; joint compound - 1 sq. ft.; composite asphalt roof sheet - 28,600 sq. ft.; asphalt floor seam sealer - 17,145 sq. ft.

High Concern

There are a number of rooms in the office area of the warehouse where suspended ceiling tiles contain asbestos fibers in the matrix of the tile. The tile is in good condition and does not pose an exposure threat to occupants at this time. However, this material can be easily broken, penetrated, or reduced to a crumbly, powdery substance by hand pressure, thus releasing fibers to the air. There are approximately 180 square feet in the receiving office (WA007); 1320 square feet in the office hallway (WA008); 66 square feet in the storeroom next to the men's restroom (WA012); 108 square feet in the women's lounge (WA014); and 400 square feet in the break room (WA017). Each of the above-identified areas of concern should have the asbestos-containing ceiling tiles replaced as soon as possible.

Medium Concern

There are 500 sq. ft. of asbestos-containing thermal system insulation on the steam boilers, 70 sq. ft. on the condensate tank, 120 sq. ft. of boiler flue insulation, 20 linear feet of pipe insulation, and 94 elbows/joints on the heating and domestic water lines in the boiler room. There are 20 linear feet of asbestos-containing pipe insulation and 8 elbows/joints near the rest rooms. There are 50 linear feet of pipe insulation and 50 elbows/joints in the utility chase between the men's and women's rest rooms. There are 37 linear feet of pipe insulation on the steam manifold on the east wall of bay 3 of the warehouse and 2290 linear feet on steam lines suspended from the ceiling that feed heaters in each bay, plus 145 asbestos-containing pipe joints. This material is in good condition, encased by lagging material to prevent exposure to the asbestos-containing insulation underneath. However, these insulating materials are extremely friable and should be replaced with non-asbestos materials if the lagging becomes deteriorated or during remodel or renovation time.

Low Concern

The materials listed below all tested positive for asbestos but are in good condition. If left undisturbed, they can remain in place with no cause for concern to occupants.

There are 5,384 sq. ft. of asbestos containing floor tile and adhesive mastic (plus 7 sq. ft. of baseboard mastic in the receiving office) identified in the warehouse smoking room, receiving office, and a number of rooms in the office section of the warehouse. Except for the office hallway, the tile in the office areas is beneath carpet. These materials were not friable at the time of inspection and were not easily disturbed.

There are 3,800 sq. ft. of cement asbestos board in Warehouse 1. About 2520 sq. ft. of the cement asbestos board has been used as a soffit between the roof edge and exterior window casings. It has also been used to line the interior walls of the sprinkler control valve housings adjacent to the exterior west and east walls of the warehouse (1280 sq. ft.). This material was not friable at the time of inspection and was in fairly good condition.

There are 28,600 sq. ft. of composite asphalt roof sheet on the roofs over the office/boiler room, passageways, and loading docks that contains asbestos. This material is not friable and can remain on the building as long as it is maintained in good condition.

There are 17,145 sq. ft. of asbestos-containing asphalt used as a sealer between the seams of the concrete pads that comprise the warehouse floor. The asbestos is tightly bound in the matrix of the asphalt, and the exposure potential is low.

Joint compounds used around the boiler room wall and steam manifold as well as expansion joints in the exterior warehouse walls also contained asbestos. There is approximately 1 sq. ft. of this material. These materials are in fairly good condition, and what asbestos content there is, is tightly bound in the matrices of the compounds.

All of the materials described in this section should be included in an Operations and Maintenance Plan until such time as they are no longer present on site or it is determined that they do not contain asbestos.

B. LEAD-BASED PAINT (Findings and Discussion)

There were eight different types of lead-based paints identified. The quantities of each are: yellow exterior wall paint - 56,000 sq. ft.; blue exterior wall paint - 6,000 sq. ft.; red exterior warehouse door paint - 8,800 sq. ft.; brown window casing paint -

10,730 sq. ft.; yellow floor stripe paint - 6,000 sq. ft.; orange floor stripe paint - 6,000 sq. ft.; green pipe lagging paint - 450 sq. ft.; orange pipe lagging vessel paint - 100 sq. ft.

High Concern

None

Medium Concern

There are 56,000 sq. ft. of lead-containing paint on the exterior east, south, and west walls, which have fair to moderate delamination. Potential inhalation exposures to lead are increasing as more of these coatings delaminate or chip loose. Removal of exterior coatings and floor paint should be scheduled in the near future. If affected surfaces are to be renovated or remodeled, such activities will have to be performed in a manner so as to prevent paint dusts from being generated and released into the air.

Low Concern

Paint containing lead was present on the north exterior wall (6000 sq. ft.), both sides of exterior warehouse doors (8784 sq. ft.), and both sides of all warehouse/office window casings (10,730 sq. ft.). Lead-containing green and orange paint (550 sq. ft.) was applied to some of the piping systems in the boiler room. All of these coatings appeared to be in fairly good condition with little or no accumulation of paint dust or chips.

Traffic striping paint (12,000 sq. ft.) has been applied to the floors of the warehouse bays and north and south passageways. There has been a slight amount of chipping/deterioration of this paint from the use of hard rubber wheeled industrial trucks used in the warehouse.

If affected surfaces are to be renovated or remodeled, such activities will have to be performed in a manner so as to prevent paint dusts from being generated and released into the air.

VII. RECOMMENDATIONS

A. ASBESTOS (Recommendations)

1. Replace asbestos-containing ceiling tiles with non-asbestos tiles in receiving office (WA007), office hallway (WA008), storeroom (WA012), ladies' lounge (WA014), and break room (WA017) as soon as possible.

2. Prohibit computer, telephone, and other non-GSA maintenance personnel from entering the spaces above ceilings listed in Recommendation No. A.1. above in order to run cables or do other work until asbestos-containing ceiling tiles have been removed.

3. Maintain all asbestos-containing materials in good condition. Consider removal during remodel work, if and when any asbestos-containing material becomes deteriorated or when other asbestos-containing material is removed from the building.

4. Label the contents of all thermal insulation material (pipes, tanks, flues, etc.) either "contains asbestos" if it has 1% or more asbestos and/or "no asbestos" or "asbestos free" if it has zero or less than 1% asbestos (e.g., fiberglass).

5. An Operations and Maintenance Plan should be established. Building occupants and maintenance personnel should be notified of the presence and location of asbestos-containing material at the facility, and they should trained in the appropriate procedures to reduce or minimize their exposure. In addition, a program should be instituted which includes periodic visual inspection and subsequent repair of torn, punctured, or damaged asbestos-containing material. Repairs must only be made by properly trained personnel. This inspection and maintenance routine should continue as long as asbestos-containing material is present in the facility.

B. LEAD-BASED PAINT (Recommendations)

Lead-based paints delaminating off of exterior surfaces should be removed as soon as feasible. Other paints in good condition may remain on-site if properly managed under the provisions of an Operations and Maintenance Plan. Consideration should be given to removal of such material during routine servicing or at such time as remodel or renovation would impact the material.

VIII. ABATEMENT PRIORITIES

A. ASBESTOS (Abatement Priorities)

1. Replace asbestos-containing ceiling tiles with non-asbestos tiles in receiving office (WA007), office hallway (WA008), storeroom (WA012), women's lounge (WA014), and break room (WA017) as soon as possible.

2. Remove all other asbestos-containing material when other asbestos materials are being removed from the warehouse, when they become deteriorated, or when areas are being

remodeled. Otherwise, these materials can be left in place and maintained in good condition.

B. LEAD-BASED PAINT (Abatement Priorities)

1. Lead-based paints delaminating off of exterior surfaces should be removed as soon as feasible.

2. Other paints in good condition may remain on-site if properly managed under the provisions of an Operations and Maintenance Plan. Consideration should be given to removal of such material during routine servicing or at such time as remodel or renovation would impact the material.

IX. ABATEMENT AND DISPOSAL COSTS OF ASBESTOS AND LEAD CONTAINING MATERIALS

A. ASBESTOS (Abatement and Disposal Costs)

The following are estimated removal and disposal costs for the asbestos-containing materials identified on this survey. Actual costs are dependent on: quantity of materials to be removed, insurance and bonding costs, contractor activity, seasonality, disposal costs, as well as other factors. The removal costs listed below are therefore estimated costs and could fall anywhere within the ranges given, or even higher in some instances.

Materials	Estimated Costs
Floor Tile and Floor and Baseboard Mastic	$1.50 - $2.00 per sq. ft.
Roofing Material	$1.00 - $1.50 per sq. ft.
Cement Asbestos Board	$3.00 - $5.00 per sq. ft.
Ceiling Tile	$3.00 - $5.00 per sq. ft.
Asbestos Floor Seam Sealer . .	$1.50 - $3.00 per sq. ft.
Joint Compound	$2.00 - $3.00 per ln. ft.
Pipe Lagging in Walk-in Areas and Pipe Lagging Along With Sections of Pipe . .	$8.00 - $11.00 per ln. ft.
Hard Elbow and Joint Insulation . .	$20.00 - $25.00 each

Boiler, Flue, and Tank
Insulation . . . . . $3,000.00 - $5,000.00 each

B. LEAD-BASED PAINT (Abatement and Disposal Costs)

The following are estimated removal and disposal costs for the lead-based paint identified on this survey. Factors that enter into the costs are: quantity of the materials to be removed, leachability of the material, varying labor rates, transportation to the disposal site, number of pounds of material for disposal, disposal at remote sites, environmental and personal exposure monitoring, as well as other factors. Estimates for the four techniques are presented below.

Abatement Technique	Estimated Costs*
Encapsulation	$0.58 - $3.74 per sq. ft.
Enclosure	$0.73 - $6.00 per sq. ft.
Chemical Removal	$3.68 - $7.50 per sq. ft.
Hand Scraping	$0.55 - $14.00 per sq. ft.
Replacement of Exterior Door (3'x7')	$130.00 - $260.00 per unit

* Estimated cost based on figures in Lead, A Guidebook To Hazard Detection, Remediation, And Control, by Paul and Nicholas Cheremisinoff (published in 1993).

X. ERRORS AND OMISSIONS

The U.S. Public Health Service, Federal Occupational Health, does not guarantee that for this survey all asbestos-containing materials and lead-based paints and their locations were identified. All quantities are subject to errors in measurements.

XI. AUTHORSHIP

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Attachments: Tables 1-17 and Appendices 1-5

List of Tables and Their Contents

TABLE 1

SUMMARY OF LOCATIONS CONTAINING MATERIALS WITH ASBESTOS (1% OR GREATER)

SURVEY PERFORMED AT: AUBURN PROID: WA0824
Project State: WA
Project Name: WAREHOUSE # 1
Project Date: MARCH, 1994

(See Tables 12, 13, 14 and 15 for Codes Used in this Table)

Building	Floor	Room ID	Location ID	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	1	WA	WA0001	WA	IJ01	34.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0001	WA	IP01	500.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0001	WA	TR02	4000.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	WA	WA0002	WA	IJ01	40.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0002	WA	IJ03	3.	70.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0002	WA	IP01	730.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0002	WA	IP03	15.	30.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0002	WA	TR02	3800.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	WA	WA0003	WA	IJ01	34.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0003	WA	IP01	560.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0003	WA	TR02	4000.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	WA	WA0004	WA	IJ01	34.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0004	WA	IP01	500.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0004	WA	TR02	4000.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	PB	WA0005	PB	TR02	200.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	BK	WA0006	BK	AD02	150.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	BK	WA0006	BK	FT02	150.	3.	N	G	H	H	L	L	M	C

Building	Floor	Room ID	Location ID	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	1	OF	WA0007	OF	AD01	180.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0007	OF	BM01	7.	2.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0007	OF	CT01	180.	2.	Y	G	H	H	L	L	R	R
WA0824KF	1	OF	WA0007	OF	FT01	180.	2.	N	G	H	H	L	L	M	C
WA0824KF	1	HA	WA0008	HA	AD03	1320.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	HA	WA0008	HA	CT01	1320.	2.	Y	G	H	H	L	L	R	R
WA0824KF	1	HA	WA0008	HA	FT03	1320.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	HA	WA0008	HA	IP03	6.	30.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0009	OF	AD03	160.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0009	OF	FT03	160.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0010	OF	AD03	920.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0010	OF	FT03	920.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	CP	WA0011	CP	AD03	168.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	CP	WA0011	CP	FT03	168.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	SR	WA0012	SR	AD03	66.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	SR	WA0012	SR	CT01	66.	2.	Y	G	H	H	L	L	R	R
WA0824KF	1	SR	WA0012	SR	FT03	66.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	SR	WA0012	SR	IJ04	3.	65.	N	G	H	H	L	L	M	C
WA0824KF	1	LN	WA0014	LN	AD03	108.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	LN	WA0014	LN	CT01	108.	2.	Y	G	H	H	L	L	R	R
WA0824KF	1	LN	WA0014	LN	FT03	108.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	LN	WA0014	LN	IJ04	3.	65.	N	G	H	H	L	L	M	C
WA0824KF	1	BA	WA0015	BA	IJ04	2.	65.	N	G	H	H	L	L	M	C
WA0824KF	1	BA	WA0015	BA	IP06	20.	20.	N	G	L	L	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IB02	500.	30.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IF02	120.	55.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IJ03	7.	70.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IJ04	42.	65.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IJ05	45.	16.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IP03	16.	30.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IP06	20.	20.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IT02	70.	70.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	JC03	1.	3.	N	G	L	H	L	L	M	C
WA0824KF	1	BK	WA0017	BK	AD03	200.	3.	N	G	L	L	L	L	L	L
WA0824KF	1	BK	WA0017	BK	CT01	400.	2.	Y	G	H	H	L	L	R	R
WA0824KF	1	BK	WA0017	BK	FT03	200.	3.	N	G	H	H	L	L	M	C

Building	Floor	Room ID	Location ID	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	1	OF	WA0018	OF	AD03	1200.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0018	OF	FT03	1200.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0019	OF	AD03	144.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0019	OF	FT03	144.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0020	OF	AD03	96.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0020	OF	FT03	96.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0021	OF	AD03	144.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0021	OF	FT03	144.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0022	OF	AD03	132.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0022	OF	FT03	132.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0023	OF	AD03	96.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0023	OF	FT03	96.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0024	OF	AD03	108.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0024	OF	FT03	108.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0025	OF	AD03	192.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0025	OF	FT03	192.	3.	N	G	H	H	L	L	M	C
WA0824KF	RF	RF	WA0026	RF	RS01	6600.	10.	N	G	L	L	L	L	M	C
WA0824KF	1	PB	WA0027	PB	TR02	300.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	PB	WA0028	PB	TR02	200.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	LD	WA0029	LD	TR02	375.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	LD	WA0030	LD	TR02	270.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	VR	WA0031	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0032	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0033	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0034	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0035	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0036	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0037	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0038	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	EX(N)	WA0039	EX(N)	EJ02	200.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	EX(W)	WA0040	EX(W)	AS01	1260.	7.	N	G	L	L	L	L	M	C
WA0824KF	1	EX(W)	WA0040	EX(W)	EJ02	500.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	EX(S)	WA0041	EX(S)	EJ02	200.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	EX(E)	WA0042	EX(E)	AS01	1260.	7.	N	G	L	L	L	L	M	C
WA0824KF	1	EX(E)	WA0042	EX(E)	EJ02	500.	3.	N	G	H	H	L	L	M	C
WA0824KF	RF	RF	WA0043	RF	RS01	22000.	10.	N	G	L	L	L	L	M	C

Building	Floor	Room ID	Location ID	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	1	UC	WA0044	UC	IJ04	20.	65.	N	F	L	L	L	L	M	C
WA0824KF	1	UC	WA0044	UC	IJ05	30.	16.	N	F	L	L	L	L	M	C
WA0824KF	1	UC	WA0044	UC	IP06	50.	20.	N	G	L	L	L	L	M	C

TABLE 2

SUMMARY OF ASBESTOS CONTAINING MATERIALS (1% OR GREATER), GROUPED BY MATERIAL

SURVEY PERFORMED AT: AUBURN PROID: WA0824
Project State: WA
Project Name: WAREHOUSE # 1
Project Date: MARCH, 1994

(See Tables 12, 13, 14 and 15 for Codes Used in this Table)

Material	Building	Floor ID	Room ID	Location	Room Use	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
AD01	WA0824KF	1	OF	WA0007	OF	180.	3.	N	G	L	L	L	L	M	C
AD02	WA0824KF	1	BK	WA0006	BK	150.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	HA	WA0008	HA	1320.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	OF	WA0009	OF	160.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	OF	WA0010	OF	920.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	CP	WA0011	CP	168.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	SR	WA0012	SR	66.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	LN	WA0014	LN	108.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	BK	WA0017	BK	200.	3.	N	G	L	L	L	L	L	L
AD03	WA0824KF	1	OF	WA0018	OF	1200.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	OF	WA0019	OF	144.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	OF	WA0020	OF	96.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	OF	WA0021	OF	144.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	OF	WA0022	OF	132.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	OF	WA0023	OF	96.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	OF	WA0024	OF	108.	3.	N	G	L	L	L	L	M	C
AD03	WA0824KF	1	OF	WA0025	OF	192.	3.	N	G	L	L	L	L	M	C

Material	Building	Floor ID	Room ID	Location	Room Use	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
AS01	WA0824KF	1	VR	WA0031	VR	160.	7.	N	G	L	H	L	L	M	C
AS01	WA0824KF	1	VR	WA0032	VR	160.	7.	N	G	L	H	L	L	M	C
AS01	WA0824KF	1	VR	WA0033	VR	160.	7.	N	G	L	H	L	L	M	C
AS01	WA0824KF	1	VR	WA0034	VR	160.	7.	N	G	L	H	L	L	M	C
AS01	WA0824KF	1	VR	WA0035	VR	160.	7.	N	G	L	H	L	L	M	C
AS01	WA0824KF	1	VR	WA0036	VR	160.	7.	N	G	L	H	L	L	M	C
AS01	WA0824KF	1	VR	WA0037	VR	160.	7.	N	G	L	H	L	L	M	C
AS01	WA0824KF	1	VR	WA0038	VR	160.	7.	N	G	L	H	L	L	M	C
AS01	WA0824KF	1	EX(W)	WA0040	EX(W)	1260.	7.	N	G	L	L	L	L	M	C
AS01	WA0824KF	1	EX(E)	WA0042	EX(E)	1260.	7.	N	G	L	L	L	L	M	C
BM01	WA0824KF	1	OF	WA0007	OF	7.	2.	N	G	L	L	L	L	M	C
CT01	WA0824KF	1	OF	WA0007	OF	180.	2.	Y	G	H	H	L	L	R	R
CT01	WA0824KF	1	HA	WA0008	HA	1320.	2.	Y	G	H	H	L	L	R	R
CT01	WA0824KF	1	SR	WA0012	SR	66.	2.	Y	G	H	H	L	L	R	R
CT01	WA0824KF	1	LN	WA0014	LN	108.	2.	Y	G	H	H	L	L	R	R
CT01	WA0824KF	1	BK	WA0017	BK	400.	2.	Y	G	H	H	L	L	R	R
EJ02	WA0824KF	1	EX(N)	WA0039	EX(N)	200.	3.	N	G	H	H	L	L	M	C
EJ02	WA0824KF	1	EX(W)	WA0040	EX(W)	500.	3.	N	G	H	H	L	L	M	C
EJ02	WA0824KF	1	EX(S)	WA0041	EX(S)	200.	3.	N	G	H	H	L	L	M	C
EJ02	WA0824KF	1	EX(E)	WA0042	EX(E)	500.	3.	N	G	H	H	L	L	M	C
FT01	WA0824KF	1	OF	WA0007	OF	180.	2.	N	G	H	H	L	L	M	C
FT02	WA0824KF	1	BK	WA0006	BK	150.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	HA	WA0008	HA	1320.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	OF	WA0009	OF	160.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	OF	WA0010	OF	920.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	CP	WA0011	CP	168.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	SR	WA0012	SR	66.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	LN	WA0014	LN	108.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	BK	WA0017	BK	200.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	OF	WA0018	OF	1200.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	OF	WA0019	OF	144.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	OF	WA0020	OF	96.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	OF	WA0021	OF	144.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	OF	WA0022	OF	132.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	OF	WA0023	OF	96.	3.	N	G	H	H	L	L	M	C
FT03	WA0824KF	1	OF	WA0024	OF	108.	3.	N	G	H	H	L	L	M	C

Material	Building	Floor ID	Room ID	Location	Room Use	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
FT03	WA0824KF	1	OF	WA0025	OF	192.	3.	N	G	H	H	L	L	M	C
IB02	WA0824KF	1	BL	WA0016	BL	500.	30.	N	G	L	H	L	L	M	C
IF02	WA0824KF	1	BL	WA0016	BL	120.	55.	N	G	L	H	L	L	M	C
IJ01	WA0824KF	1	WA	WA0001	WA	34.	55.	N	G	L	L	L	L	M	C
IJ01	WA0824KF	1	WA	WA0002	WA	40.	55.	N	G	L	L	L	L	M	C
IJ01	WA0824KF	1	WA	WA0003	WA	34.	55.	N	G	L	L	L	L	M	C
IJ01	WA0824KF	1	WA	WA0004	WA	34.	55.	N	G	L	L	L	L	M	C
IJ03	WA0824KF	1	WA	WA0002	WA	3.	70.	N	G	L	L	L	L	M	C
IJ03	WA0824KF	1	BL	WA0016	BL	7.	70.	N	G	L	H	L	L	M	C
IJ04	WA0824KF	1	SR	WA0012	SR	3.	65.	N	G	H	H	L	L	M	C
IJ04	WA0824KF	1	LN	WA0014	LN	3.	65.	N	G	H	H	L	L	M	C
IJ04	WA0824KF	1	BA	WA0015	BA	2.	65.	N	G	H	H	L	L	M	C
IJ04	WA0824KF	1	BL	WA0016	BL	42.	65.	N	G	L	H	L	L	M	C
IJ04	WA0824KF	1	UC	WA0044	UC	20.	65.	N	F	L	L	L	L	M	C
IJ05	WA0824KF	1	BL	WA0016	BL	45.	16.	N	G	L	H	L	L	M	C
IJ05	WA0824KF	1	UC	WA0044	UC	30.	16.	N	F	L	L	L	L	M	C
IP01	WA0824KF	1	WA	WA0001	WA	500.	55.	N	G	L	L	L	L	M	C
IP01	WA0824KF	1	WA	WA0002	WA	730.	55.	N	G	L	L	L	L	M	C
IP01	WA0824KF	1	WA	WA0003	WA	560.	55.	N	G	L	L	L	L	M	C
IP01	WA0824KF	1	WA	WA0004	WA	500.	55.	N	G	L	L	L	L	M	C
IP03	WA0824KF	1	WA	WA0002	WA	15.	30.	N	G	L	L	L	L	M	C
IP03	WA0824KF	1	HA	WA0008	HA	6.	30.	N	G	L	L	L	L	M	C
IP03	WA0824KF	1	BL	WA0016	BL	16.	30.	N	G	L	H	L	L	M	C
IP06	WA0824KF	1	BA	WA0015	BA	20.	20.	N	G	L	L	L	L	M	C
IP06	WA0824KF	1	BL	WA0016	BL	20.	20.	N	G	L	H	L	L	M	C
IP06	WA0824KF	1	UC	WA0044	UC	50.	20.	N	G	L	L	L	L	M	C
IT02	WA0824KF	1	BL	WA0016	BL	70.	70.	N	G	L	H	L	L	M	C
JC03	WA0824KF	1	BL	WA0016	BL	1.	3.	N	G	L	H	L	L	M	C
RS01	WA0824KF	RF	RF	WA0026	RF	6600.	10.	N	G	L	L	L	L	M	C
RS01	WA0824KF	RF	RF	WA0043	RF	22000.	10.	N	G	L	L	L	L	M	C
TR02	WA0824KF	1	WA	WA0001	WA	4000.	5.	N	G	H	H	L	L	M	C
TR02	WA0824KF	1	WA	WA0002	WA	3800.	5.	N	G	H	H	L	L	M	C
TR02	WA0824KF	1	WA	WA0003	WA	4000.	5.	N	G	H	H	L	L	M	C
TR02	WA0824KF	1	WA	WA0004	WA	4000.	5.	N	G	H	H	L	L	M	C
TR02	WA0824KF	1	PB	WA0005	PB	200.	5.	N	G	H	H	L	L	M	C
TR02	WA0824KF	1	PB	WA0027	PB	300.	5.	N	G	H	H	L	L	M	C

Material	Building	Floor ID	Room ID	Location	Room Use	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
TR02	WA0824KF	1	PB	WA0028	PB	200.	5.	N	G	H	H	L	L	M	C
TR02	WA0824KF	1	LD	WA0029	LD	375.	5.	N	G	H	H	L	L	M	C
TR02	WA0824KF	1	LD	WA0030	LD	270.	5.	N	G	H	H	L	L	M	C

SUMMARY OF ASBESTOS CONTAINING MATERIALS (1% OR GREATER)
TOTAL QUANTITY BY MATERIAL

Building	Material	Total by Homarid	Total by Material
WA0824KF	AD01	180.	
WA0824KF	AD02	150.	
WA0824KF	AD03	5054.	
		Total for Material AD:	5384.
WA0824KF	AS01	3800.	
		Total for Material AS:	3800.
WA0824KF	BM01	7.	
		Total for Material BM:	7.
WA0824KF	CT01	2074.	
		Total for Material CT:	2074.
WA0824KF	EJ02	1400.	
		Total for Material EJ:	1400.
WA0824KF	FT01	180.	
WA0824KF	FT02	150.	
WA0824KF	FT03	5054.	
		Total for Material FT:	5384.
WA0824KF	IB02	500.	
		Total for Material IB:	500.
WA0824KF	IF02	120.	
		Total for Material IF:	120.
WA0824KF	IJ01	142.	
WA0824KF	IJ03	10.	
WA0824KF	IJ04	70.	
WA0824KF	IJ05	75.	
		Total for Material IJ:	297.
WA0824KF	IP01	2290.	
WA0824KF	IP03	37.	
WA0824KF	IP06	90.	

Building	Material	Total by Homarid	Total by Material
		Total for Material IP:	2417.
WA0824KF	IT02	70.	
		Total for Material IT:	70.
WA0824KF	JC03	1.	
		Total for Material JC:	1.
WA0824KF	RS01	28600.	
		Total for Material RS:	28600.
WA0824KF	TR02	17145.	
		Total for Material TR:	17145.

TABLE 3

SUMMARY OF ALL SUSPECT ASBESTOS CONTAINING MATERIALS
(BOTH POSITIVE & NEGATIVE) GROUPED BY LOCATION

SURVEY PERFORMED AT: AUBURN PROID: WA0824
Project State: WA
Project Name: WAREHOUSE # 1
Project Date: MARCH, 1994

(See Tables 12, 13, 14 and 15 for Codes Used in this Table)

Building	Floor ID	Room ID	Location	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	1	WA	WA0001	WA	IJ01	34.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0001	WA	IP01	500.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0001	WA	TR02	4000.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	WA	WA0002	WA	IJ01	40.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0002	WA	IJ03	3.	70.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0002	WA	IP01	730.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0002	WA	IP02		0.	-	-	-	-	-	-	-	-
WA0824KF	1	WA	WA0002	WA	IP03	15.	30.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0002	WA	TR02	3800.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	WA	WA0003	WA	IJ01	34.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0003	WA	IP01	560.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0003	WA	IP02		0.	-	-	-	-	-	-	-	-
WA0824KF	1	WA	WA0003	WA	TR02	4000.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	WA	WA0004	WA	IJ01	34.	55.	N	G	L	L	L	L	M	C
WA0824KF	1	WA	WA0004	WA	IP01	500.	55.	N	G	L	L	L	L	M	C

Building	Floor ID	Room ID	Location	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	1	WA	WA0004	WA	TR02	4000.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	PB	WA0005	PB	TR02	200.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	BK	WA0006	BK	AD02	150.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	BK	WA0006	BK	BB02		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BK	WA0006	BK	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BK	WA0006	BK	FT02	150.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	BK	WA0006	BK	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0007	OF	AD01	180.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0007	OF	BB01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0007	OF	BM01	7.	2.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0007	OF	CT01	180.	2.	Y	G	H	H	L	L	R	R
WA0824KF	1	OF	WA0007	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0007	OF	FT01	180.	2.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0007	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	HA	WA0008	HA	AD03	1320.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	HA	WA0008	HA	BB02		0.	-	-	-	-	-	-	-	-
WA0824KF	1	HA	WA0008	HA	CT01	1320.	2.	Y	G	H	H	L	L	R	R
WA0824KF	1	HA	WA0008	HA	FT03	1320.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	HA	WA0008	HA	IP03	6.	30.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0009	OF	AD03	160.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0009	OF	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0009	OF	BM03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0009	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0009	OF	FT03	160.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0009	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0009	OF	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0009	OF	SC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0010	OF	AD03	920.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0010	OF	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0010	OF	BM03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0010	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0010	OF	FT03	920.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0010	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0010	OF	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0010	OF	SC01		0.	-	-	-	-	-	-	-	-

Building	Floor ID	Room ID	Location	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	1	CP	WA0011	CP	AD03	168.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	CP	WA0011	CP	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	CP	WA0011	CP	BM03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	CP	WA0011	CP	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	CP	WA0011	CP	FT03	168.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	CP	WA0011	CP	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	CP	WA0011	CP	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	CP	WA0011	CP	SC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	SR	WA0012	SR	AD03	66.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	SR	WA0012	SR	CT01	66.	2.	Y	G	H	H	L	L	R	R
WA0824KF	1	SR	WA0012	SR	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	SR	WA0012	SR	FT03	66.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	SR	WA0012	SR	IJ04	3.	65.	N	G	H	H	L	L	M	C
WA0824KF	1	SR	WA0012	SR	IP04		0.	-	-	-	-	-	-	-	-
WA0824KF	1	SR	WA0012	SR	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	SR	WA0012	SR	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BA	WA0013	BA	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BA	WA0013	BA	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BA	WA0013	BA	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	LN	WA0014	LN	AD03	108.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	LN	WA0014	LN	CT01	108.	2.	Y	G	H	H	L	L	R	R
WA0824KF	1	LN	WA0014	LN	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	LN	WA0014	LN	FT03	108.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	LN	WA0014	LN	IJ04	3.	65.	N	G	H	H	L	L	M	C
WA0824KF	1	LN	WA0014	LN	IP04		0.	-	-	-	-	-	-	-	-
WA0824KF	1	LN	WA0014	LN	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	LN	WA0014	LN	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BA	WA0015	BA	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BA	WA0015	BA	IJ04	2.	65.	N	G	H	H	L	L	M	C
WA0824KF	1	BA	WA0015	BA	IP04		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BA	WA0015	BA	IP06	20.	20.	N	G	L	L	L	L	M	C
WA0824KF	1	BA	WA0015	BA	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BA	WA0015	BA	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BL	WA0016	BL	IB01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BL	WA0016	BL	IB02	500.	30.	N	G	L	H	L	L	M	C

Summary of All Suspect Asbestos Containing Materials
(Both Positive and Negative), Grouped by Location

Building	Floor ID	Room ID	Location	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	1	BL	WA0016	BL	IF01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BL	WA0016	BL	IF02	120.	55.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IG01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BL	WA0016	BL	IJ03	7.	70.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IJ04	42.	65.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IJ05	45.	16.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IP03	16.	30.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IP04		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BL	WA0016	BL	IP05		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BL	WA0016	BL	IP06	20.	20.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	IT01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BL	WA0016	BL	IT02	70.	70.	N	G	L	H	L	L	M	C
WA0824KF	1	BL	WA0016	BL	JC03	1.	3.	N	G	L	H	L	L	M	C
WA0824KF	1	BK	WA0017	BK	AD03	200.	3.	N	G	L	L	L	L	L	L
WA0824KF	1	BK	WA0017	BK	CT01	400.	2.	Y	G	H	H	L	L	R	R
WA0824KF	1	BK	WA0017	BK	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BK	WA0017	BK	FT03	200.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	BK	WA0017	BK	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	BK	WA0017	BK	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0018	OF	AD03	1200.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0018	OF	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0018	OF	BM03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0018	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0018	OF	FT03	1200.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0018	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0018	OF	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0018	OF	SC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0019	OF	AD03	144.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0019	OF	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0019	OF	BM03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0019	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0019	OF	FT03	144.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0019	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0019	OF	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0019	OF	SC01		0.	-	-	-	-	-	-	-	-

Building	Floor ID	Room ID	Location	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	1	OF	WA0020	OF	AD03	96.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0020	OF	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0020	OF	BM03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0020	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0020	OF	FT03	96.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0020	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0020	OF	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0020	OF	SC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0021	OF	AD03	144.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0021	OF	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0021	OF	BM03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0021	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0021	OF	FT03	144.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0021	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0021	OF	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0021	OF	SC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0022	OF	AD03	132.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0022	OF	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0022	OF	BM03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0022	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0022	OF	FT03	132.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0022	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0022	OF	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0022	OF	SC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0023	OF	AD03	96.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0023	OF	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0023	OF	BM03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0023	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0023	OF	FT03	96.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0023	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0023	OF	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0023	OF	SC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0024	OF	AD03	108.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0024	OF	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0024	OF	BM03		0.	-	-	-	-	-	-	-	-

Building	Floor ID	Room ID	Location	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	1	OF	WA0024	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0024	OF	FT03	108.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0024	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0024	OF	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0024	OF	SC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0025	OF	AD03	192.	3.	N	G	L	L	L	L	M	C
WA0824KF	1	OF	WA0025	OF	BB03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0025	OF	BM03		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0025	OF	DW01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0025	OF	FT03	192.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	OF	WA0025	OF	JC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0025	OF	PC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	OF	WA0025	OF	SC01		0.	-	-	-	-	-	-	-	-
WA0824KF	RF	RF	WA0026	RF	RS01	6600.	10.	N	G	L	L	L	L	M	C
WA0824KF	RF	RF	WA0026	RF	TR01		0.	-	-	-	-	-	-	-	-
WA0824KF	RF	RF	WA0026	RF	VC01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	PB	WA0027	PB	TR02	300.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	PB	WA0028	PB	TR02	200.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	LD	WA0029	LD	TR02	375.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	LD	WA0030	LD	TR02	270.	5.	N	G	H	H	L	L	M	C
WA0824KF	1	VR	WA0031	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0032	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0033	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0034	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0035	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0036	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0037	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	VR	WA0038	VR	AS01	160.	7.	N	G	L	H	L	L	M	C
WA0824KF	1	EX(N)	WA0039	EX(N)	EJ02	200.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	EX(W)	WA0040	EX(W)	AS01	1260.	7.	N	G	L	L	L	L	M	C
WA0824KF	1	EX(W)	WA0040	EX(W)	EJ02	500.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	EX(S)	WA0041	EX(S)	EJ02	200.	3.	N	G	H	H	L	L	M	C
WA0824KF	1	EX(E)	WA0042	EX(E)	AS01	1260.	7.	N	G	L	L	L	L	M	C
WA0824KF	1	EX(E)	WA0042	EX(E)	EJ02	500.	3.	N	G	H	H	L	L	M	C
WA0824KF	RF	RF	WA0043	RF	RS01	22000.	10.	N	G	L	L	L	L	M	C

Building	Floor ID	Room ID	Location	Room Use	Material	Quantity	% TOTAL ASBESTOS	Friable	Condition	Contact /Occup.	Contact /Maint.	Vibration Potential	Air Eros. Potential	Action	Urgency
WA0824KF	RF	RF	WA0043	RF	RS02		0.	-	-	-	-	-	-	-	-
WA0824KF	RF	RF	WA0043	RF	TR01		0.	-	-	-	-	-	-	-	-
WA0824KF	1	UC	WA0044	UC	IJ04	20.	65.	N	F	L	L	L	L	M	C
WA0824KF	1	UC	WA0044	UC	IJ05	30.	16.	N	F	L	L	L	L	M	C
WA0824KF	1	UC	WA0044	UC	IP04		0.	-	-	-	-	-	-	-	-
WA0824KF	1	UC	WA0044	UC	IP06	50.	20.	N	G	L	L	L	L	M	C

TABLE 4

LISTING OF ALL MATERIALS EVALUATED (WITH 1% OR MORE ASBESTOS)

SURVEY PERFORMED AT: AUBURN PROID: WA0824
PROJECT STATE: WA
PROJECT NAME: WAREHOUSE # 1
PROJECT DATE: MARCH, 1994

(See Table 13 for Listing of Material Codes)

Material	Type	% TOTAL Asbestos	% Chrysotile	% Crocidolite	% Amosite	% Other Asbestos	Brief Description of Material
AD01	M	3.	3.	0.	0.	0.	ADHES BENEATH FT01
AD02	M	3.	3.	0.	0.	0.	ADHES BENEATH FT02
AD03	M	3.	3.	0.	0.	0.	ADHES BENEATH FT03
AS01	M	7.	7.	0.	0.	0.	ASB BOARD ROOF FLASH & VALVE RM WALL WA0035
BM01	M	2.	0.	0.	0.	2.	ADHES BENEATH BB01
CT01	M	2.	2.	0.	0.	0.	12X12 WITH SYMETRIC HOLES WA0008
EJ02	M	3.	3.	0.	0.	0.	EXTERIOR MASONARY WALL JOINT COMPOUND WA0042
FT01	M	2.	2.	0.	0.	0.	9X9 GRAY W/DARK HIGHLIGHTS WA0007
FT02	M	3.	3.	0.	0.	0.	9X9 GREEN W/WHITE HIGHLIGHTS WA0006
FT03	M	3.	3.	0.	0.	0.	9X9 MAUVE W/WHITE/DARK RED HIGHLTS WA0008
IB02	T	30.	20.	0.	10.	0.	BIOL INSUL STEAM WA0016
IF02	T	55.	40.	0.	15.	0.	FLUE INSUL STEAM WA0016
IJ01	T	55.	40.	0.	15.	0.	JOINT INSUL STEAM 4" - 6" WA0002
IJ03	T	70.	50.	0.	20.	0.	JOINT INSUL STEAM 10" - 12" WA0016
IJ04	T	65.	50.	0.	15.	0.	JOINT INSUL HOT WATER HEATING 4" WA0016
IJ05	T	16.	15.	0.	1.	0.	JOINT INSUL DOM WATER 2" FIB GL WA0016
IP01	T	55.	40.	0.	15.	0.	PIPE INSUL STEAM 4" - 6" WA0002
IP03	T	30.	10.	0.	20.	0.	PIPE INSUL STEAM 10" - 12" WA0016
IP06	T	20.	20.	0.	0.	0.	PIPE INSUL BOIL FEED H2O 2" AIRCELL WA0016
IT02	T	70.	60.	0.	10.	0.	TANK INSUL CONDENSATE WA0016
JC03	M	3.	3.	0.	0.	0.	JNT COMP IN BOIL RM WALL AROUND IP03 WA0016

Material	Type	% TOTAL Asbestos	% Chrysotile	% Crocidolite	% Amosite	% Other Asbestos	Brief Description of Material
RS01	M	10.	10.	0.	0.	0.	COMPOSITE ASPHALT ROOF SHEET WA0043
TR02	M	5.	5.	0.	0.	0.	CONCRETE SEAM SEALANT ASPHALT WA0001

TABLE 5

LISTING OF ALL MATERIALS EVALUATED (WITH LESS THAN 1% ASBESTOS)

SURVEY PERFORMED AT: AUBURN PROID: WA0824
PROJECT STATE: WA
PROJECT NAME: WAREHOUSE # 1
PROJECT DATE: MARCH, 1994

(See Table 13 for Listing of Material Codes)

Material	Type	% TOTAL Asbestos	% Chrysotile	% Crocidolite	% Amosite	% Other Asbestos	Brief Description of Material
BB01	M	0.	0.	0.	0.	0.	BASEBOARD 4" BLACK WA0007
BB02	M	0.	0.	0.	0.	0.	BASEBOARD 6" BROWN WA0006
BB03	M	0.	0.	0.	0.	0.	BASEBOARD 6" GRAY WA0012
BM03	M	0.	0.	0.	0.	0.	ADHES BENEATH BB03
DW01	M	0.	0.	0.	0.	0.	DRYWALL GYPSUM WA0018
IB01	T	0.	0.	0.	0.	0.	BIOL INSUL HEAT H2O FB GL WA0016
IF01	T	0.	0.	0.	0.	0.	FLUE INSUL HEAT WATER REFRACT WA0016
IG01	T	0.	0.	0.	0.	0.	PRESSURE VESSEL & BOIL GASKET INSUL WA0016
IP02	T	0.	0.	0.	0.	0.	PIPE INSUL STEAM 4" FIBER GLASS WA0002
IP04	T	0.	0.	0.	0.	0.	PIPE INSUL HOT WATER HEATING 4" FGLASS WA001
IP05	T	0.	0.	0.	0.	0.	PIPE INSUL DOM WATER 2" FIB GL WA0016
IT01	T	0.	0.	0.	0.	0.	TANK INSUL DOM H2O FB GL WA0016
JC01	M	0.	0.	0.	0.	0.	JOINT COMPOUND OVER DRYWALL WA0010
PC01	M	0.	0.	0.	0.	0.	WALL PLASTER WA0010
RS02	M	0.	0.	0.	0.	0.	RUBBER LAMINATE ROOF SHEET WHT WA0043
SC01	M	0.	0.	0.	0.	0.	2X2&2X4 RANDOM SQUIGGLES CELLULOSE WA0010
TR01	M	0.	0.	0.	0.	0.	ASPHALT ROOF TAR WA0043
VC01	M	0.	0.	0.	0.	0.	VIBR DAMPING CLOTH ON RF HVAC DUCT WA0043

TABLE 6

SUMMARY OF BULK ASBESTOS SAMPLE LABORATORY RESULTS

SURVEY PERFORMED AT: AUBURN PROID: WA0824
PROJECT STATE: WA
PROJECT NAME: WAREHOUSE # 1
PROJECT DATE: MARCH, 1994

(See Table 12 for Location ID Codes and 13 for Material Codes)

Sample#	Sample Date	Location ID	Material	Lab Analysis?	% Asbestos	% Chrysotile	% Crocidolite	% Amosite	% Other Asbestos
B125	04/11/94	WA0007	AD01	Y	3.	3.	0.	0.	0.
B101	04/11/94	WA0007	AD01	Y	3.	3.	0.	0.	0.
B157	04/11/94	WA0007	AD01	Y	3.	3.	0.	0.	0.
B102	04/11/94	WA0006	AD02	Y	3.	3.	0.	0.	0.
B158	04/11/94	WA0006	AD02	Y	2.	2.	0.	0.	0.
B126	04/11/94	WA0006	AD02	Y	3.	3.	0.	0.	0.
B127	04/11/94	WA0008	AD03	Y	2.	2.	0.	0.	0.
B103	04/11/94	WA0008	AD03	Y	5.	5.	0.	0.	0.
B004	04/11/94	WA0043	AS01	Y	7.	7.	0.	0.	0.
B028	04/11/94	WA0007	BB01	Y	0.	0.	0.	0.	0.
B060	04/11/94	WA0007	BB01	Y	0.	0.	0.	0.	0.
B029	04/11/94	WA0006	BB02	Y	0.	0.	0.	0.	0.
B061	04/11/94	WA0006	BB02	Y	0.	0.	0.	0.	0.
B062	04/11/94	WA0010	BB03	Y	0.	0.	0.	0.	0.
B030	04/11/94	WA0012	BB03	Y	0.	0.	0.	0.	0.
B128	04/11/94	WA0007	BM01	Y	2.	0.	0.	0.	2.
B130	04/11/94	WA0012	BM03	Y	0.	0.	0.	0.	0.
B007	04/11/94	WA0008	CT01	Y	2.	2.	0.	0.	0.
B069	04/11/94	WA0007	CT01	Y	0.	0.	0.	0.	0.
B037	04/11/94	WA0008	CT01	Y	2.	2.	0.	0.	0.
B063	04/11/94	WA0023	DW01	Y	0.	0.	0.	0.	0.

Sample#	Sample Date	Location ID	Material	Lab Analysis?	% Asbestos	% Chrysotile	% Crocidolite	% Amosite	% Other Asbestos
B031	04/11/94	WA0011	DW01	Y	0.	0.	0.	0.	0.
B005	04/11/94	WA0018	DW01	Y	0.	0.	0.	0.	0.
B065	04/11/94	WA0040	EJ02	Y	3.	3.	0.	0.	0.
B033	04/11/94	WA0042	EJ02	Y	3.	3.	0.	0.	0.
B057	04/11/94	WA0007	FT01	Y	2.	2.	0.	0.	0.
B001	04/11/94	WA0007	FT01	Y	2.	2.	0.	0.	0.
B025	04/11/94	WA0007	FT01	Y	2.	2.	0.	0.	0.
B002	04/11/94	WA0006	FT02	Y	3.	3.	0.	0.	0.
B058	04/11/94	WA0006	FT02	Y	2.	2.	0.	0.	0.
B026	04/11/94	WA0006	FT02	Y	2.	2.	0.	0.	0.
B003	04/11/94	WA0008	FT03	Y	3.	3.	0.	0.	0.
B059	04/11/94	WA0008	FT03	Y	3.	3.	0.	0.	0.
B027	04/11/94	WA0008	FT03	Y	3.	3.	0.	0.	0.
B043	04/11/94	WA0016	IB01	Y	0.	0.	0.	0.	0.
B078	04/11/94	WA0016	IB02	Y	30.	20.	0.	10.	0.
B049	04/11/94	WA0016	IB02	Y	28.	20.	0.	8.	0.
B046	04/11/94	WA0016	IF01	Y	0.	0.	0.	0.	0.
B075	04/11/94	WA0016	IF01	Y	0.	0.	0.	0.	0.
B015	04/11/94	WA0016	IF01	Y	0.	0.	0.	0.	0.
B016	04/11/94	WA0016	IF02	Y	55.	40.	0.	15.	0.
B076	04/11/94	WA0016	IF02	Y	60.	50.	0.	10.	0.
B047	04/11/94	WA0016	IF02	Y	25.	15.	0.	10.	0.
B086	04/11/94	WA0016	IG01	Y	0.	0.	0.	0.	0.
B087	04/11/94	WA0016	IG01	Y	0.	0.	0.	0.	0.
B080	04/11/94	WA0002	IJ01	Y	35.	25.	0.	10.	0.
B019	04/11/94	WA0002	IJ01	Y	30.	15.	0.	15.	0.
B051	04/11/94	WA0002	IJ01	Y	70.	54.	1.	15.	0.
B082	04/11/94	WA0016	IJ03	Y	35.	15.	0.	20.	0.
B021	04/11/94	WA0002	IJ03	Y	60.	50.	0.	10.	0.
B053	04/11/94	WA0016	IJ03	Y	65.	60.	0.	5.	0.
B054	04/11/94	WA0016	IJ04	Y	50.	35.	0.	15.	0.
B022	04/11/94	WA0016	IJ04	Y	5.	4.	0.	1.	0.
B055	04/11/94	WA0016	IJ04	Y	6.	5.	0.	1.	0.
B083	04/11/94	WA0016	IJ04	Y	75.	65.	0.	10.	0.
B084	04/11/94	WA0016	IJ05	Y	16.	15.	0.	1.	0.
B023	04/11/94	WA0016	IJ05	Y	11.	10.	0.	1.	0.

Sample#	Sample Date	Location ID	Material	Lab Analysis?	% Asbestos	% Chrysotile	% Crocidolite	% Amosite	% Other Asbestos
B050	04/11/94	WA0002	IP01	Y	20.	5.	0.	15.	0.
B018	04/11/94	WA0002	IP01	Y	55.	50.	0.	5.	0.
B079	04/11/94	WA0002	IP01	Y	30.	25.	0.	5.	0.
B014	04/11/94	WA0002	IP02	Y	0.	0.	0.	0.	0.
B052	04/11/94	WA0016	IP03	Y	25.	10.	0.	15.	0.
B020	04/11/94	WA0016	IP03	Y	25.	10.	0.	15.	0.
B081	04/11/94	WA0002	IP03	Y	25.	5.	0.	20.	0.
B044	04/11/94	WA0016	IP04	Y	0.	0.	0.	0.	0.
B045	04/11/94	WA0016	IP05	Y	0.	0.	0.	0.	0.
B056	04/11/94	WA0016	IP06	Y	10.	10.	0.	0.	0.
B024	04/11/94	WA0016	IP06	Y	1.	1.	0.	0.	0.
B085	04/11/94	WA0016	IP06	Y	20.	20.	0.	0.	0.
B013	04/11/94	WA0016	IT01	Y	0.	0.	0.	0.	0.
B048	04/11/94	WA0016	IT02	Y	75.	65.	0.	10.	0.
B017	04/11/94	WA0016	IT02	Y	25.	15.	0.	10.	0.
B077	04/11/94	WA0016	IT02	Y	26.	15.	1.	10.	0.
B006	04/11/94	WA0006	JC01	Y	0.	0.	0.	0.	0.
B064	04/11/94	WA0018	JC01	Y	0.	0.	0.	0.	0.
B032	04/11/94	WA0007	JC01	Y	0.	0.	0.	0.	0.
B035	04/11/94	WA0002	JC03	Y	1.	1.	0.	0.	0.
B067	04/11/94	WA0002	JC03	Y	3.	3.	0.	0.	0.
B036	04/11/94	WA0010	PC01	Y	0.	0.	0.	0.	0.
B068	04/11/94	WA0021	PC01	Y	0.	0.	0.	0.	0.
B039	04/11/94	WA0043	RS01	Y	2.	2.	0.	0.	0.
B009	04/11/94	WA0043	RS01	Y	10.	10.	0.	0.	0.
B071	04/11/94	WA0043	RS01	Y	0.	0.	0.	0.	0.
B010	04/11/94	WA0043	RS02	Y	0.	0.	0.	0.	0.
B072	04/11/94	WA0043	RS02	Y	0.	0.	0.	0.	0.
B040	04/11/94	WA0043	RS02	Y	0.	0.	0.	0.	0.
B038	04/11/94	WA0011	SC01	Y	0.	0.	0.	0.	0.
B070	04/11/94	WA0018	SC01	Y	0.	0.	0.	0.	0.
B008	04/11/94	WA0010	SC01	Y	0.	0.	0.	0.	0.
B041	04/11/94	WA0043	TR01	Y	0.	0.	0.	0.	0.
B011	04/11/94	WA0026	TR01	Y	0.	0.	0.	0.	0.
B073	04/11/94	WA0043	TR01	Y	0.	0.	0.	0.	0.
B034	04/11/94	WA0001	TR02	Y	3.	3.	0.	0.	0.

Sample#	Sample Date	Location ID	Material	Lab Analysis?	% Asbestos	% Chrysotile	% Crocidolite	% Amosite	% Other Asbestos
B066	04/11/94	WA0003	TR02	Y	5.	5.	0.	0.	0.
B042	04/11/94	WA0026	VC01	Y	0.	0.	0.	0.	0.
B074	04/11/94	WA0026	VC01	Y	0.	0.	0.	0.	0.
B012	04/11/94	WA0026	VC01	Y	0.	0.	0.	0.	0.

TABLE 7

SUMMARY OF LOCATIONS CONTAINING LEAD PAINT (0.5% OR GREATER) OR (1 MG/SQ CM OR GREATER)

SURVEY PERFORMED AT: AUBURN PROID: WA0824
Project State: WA
Project Name: WAREHOUSE # 1
Project Date: MARCH, 1994

(See Tables 12, 13, 14 and 15 for Codes Used in this Table)

Building	Floor	Room ID	Location ID	Room Use	Material	Square Feet	% TOTAL LEAD	MG Lead per SQ CM	Condition	Action	Urgency
WA0824	1	WA	WA0001	WA	P002	1200.	1.8		G	M	C
WA0824	1	WA	WA0001	WA	P007	800.	8.		G	M	C
WA0824	1	WA	WA0001	WA	P008	1500.	25.		F	M	R
WA0824	1	WA	WA0001	WA	P009	1500.	21.		F	M	R
WA0824	1	WA	WA0002	WA	P002	1200.	1.8		G	M	C
WA0824	1	WA	WA0002	WA	P007	800.	8.		G	M	C
WA0824	1	WA	WA0002	WA	P008	1500.	25.		F	M	R
WA0824	1	WA	WA0002	WA	P009	1500.	21.		F	M	R
WA0824	1	WA	WA0003	WA	P002	1200.	1.8		G	M	C
WA0824	1	WA	WA0003	WA	P007	1800.	8.		G	M	C
WA0824	1	WA	WA0003	WA	P008	1500.	25.		F	M	R
WA0824	1	WA	WA0003	WA	P009	1500.	21.		F	M	R
WA0824	1	WA	WA0004	WA	P002	1200.	1.8		G	M	C
WA0824	1	WA	WA0004	WA	P007	1500.	8.		G	M	C
WA0824	1	WA	WA0004	WA	P008	1500.	25.		F	M	R
WA0824	1	WA	WA0004	WA	P009	1500.	21.		F	M	R
WA0824	1	PB	WA0005	PB	P007	360.	8.		G	M	C
WA0824	1	OF	WA0009	OF	P002	50.	1.8		G	M	C
WA0824	1	OF	WA0010	OF	P002	95.	1.8		G	M	C
WA0824	1	CP	WA0011	CP	P002	25.	1.8		G	M	C
WA0824	1	BA	WA0013	BA	P002	25.	1.8		G	M	C
WA0824	1	BA	WA0015	BA	P002	25.	1.8		G	M	C
WA0824	1	BL	WA0016	BL	P002	20.	1.8		G	M	C
WA0824	1	BL	WA0016	BL	P003	450.	0.78		G	M	C
WA0824	1	BL	WA0016	BL	P004	100.	7.6		G	M	C
WA0824	1	BK	WA0017	BK	P002	50.	1.8		G	M	C
WA0824	1	OF	WA0018	OF	P002	45.	1.8		G	M	C
WA0824	1	OF	WA0019	OF	P002	50.	1.8		G	M	C
WA0824	1	OF	WA0021	OF	P002	20.	1.8		G	M	C

Building	Floor	Room ID	Location ID	Room Use	Material	Square Feet	% TOTAL LEAD	MG Lead per SQ CM	Condition	Action	Urgency
WA0824	1	OF	WA0022	OF	P002	20.	1.8		G	M	C
WA0824	1	OF	WA0023	OF	P002	20.	1.8		G	M	C
WA0824	1	OF	WA0024	OF	P002	20.	1.8		G	M	C
WA0824	1	OF	WA0025	OF	P002	45.	1.8		G	M	C
WA0824	1	PB	WA0027	PB	P002	60.	1.8		G	M	C
WA0824	1	PB	WA0027	PB	P007	324.	8.		G	M	C
WA0824	1	PB	WA0028	PB	P002	60.	1.8		G	M	C
WA0824	1	EX(N)	WA0039	EX(N	P006	6000.	1.2		G	M	C
WA0824	1	EX(W)	WA0040	EX(W	P002	2400.	1.8		G	M	C
WA0824	1	EX(W)	WA0040	EX(W	P006	25000.	1.2		F	M	R
WA0824	1	EX(W)	WA0040	EX(W	P007	2000.	8.		G	M	C
WA0824	1	EX(S)	WA0041	EX(S	P001	6000.	0.93		F	M	R
WA0824	1	EX(E)	WA0042	EX(E	P002	2900.	1.8		G	M	C
WA0824	1	EX(E)	WA0042	EX(E	P006	25000.	1.2		F	M	R
WA0824	1	EX(E)	WA0042	EX(E	P007	1200.	8.		G	M	C

SUMMARY OF PAINTS CONTAINING LEAD
(0.5% OR GREATER) OR (1 MG/SQ CM OR GREATER)
TOTAL QUANTITY BY MATERIAL

Building	Material	Total by Homarid	Total Lead Paint
WA0824	P001	6000.	
WA0824	P002	10730.	
WA0824	P003	450.	
WA0824	P004	100.	
WA0824	P006	56000.	
WA0824	P007	8784.	
WA0824	P008	6000.	
WA0824	P009	6000.	

Total Lead Paint: 94064.

TABLE 8

SUMMARY OF ALL PAINT EVALUATED FOR LEAD (BOTH POSITIVE AND NEGATIVE) GROUPED BY LOCATION

SURVEY PERFORMED AT: AUBURN PROID: WA0824
Project State: WA
Project Name: WAREHOUSE # 1
Project Date: MARCH, 1994

(See Tables 12, 13, 14 and 15 for Codes Used in this Table)

Building	Floor	Room ID	Location ID	Room Use	Material	Square Feet	% Total Lead	MG Lead per SQ CM	Condition	Action	Urgency
WA0824KF	1	WA	WA0001	WA	P002	1200.	1.8		G	M	C
WA0824KF	1	WA	WA0001	WA	P007	800.	8.		G	M	C
WA0824KF	1	WA	WA0001	WA	P008	1500.	25.		F	M	R
WA0824KF	1	WA	WA0001	WA	P009	1500.	21.		F	M	R
WA0824KF	1	WA	WA0001	WA	P010		0.2		-	-	-
WA0824KF	1	WA	WA0002	WA	P002	1200.	1.8		G	M	C
WA0824KF	1	WA	WA0002	WA	P007	800.	8.		G	M	C
WA0824KF	1	WA	WA0002	WA	P008	1500.	25.		F	M	R
WA0824KF	1	WA	WA0002	WA	P009	1500.	21.		F	M	R
WA0824KF	1	WA	WA0002	WA	P010		0.2		-	-	-
WA0824KF	1	WA	WA0002	WA	P011		0.01		-	-	-
WA0824KF	1	WA	WA0003	WA	P002	1200.	1.8		G	M	C
WA0824KF	1	WA	WA0003	WA	P007	1800.	8.		G	M	C
WA0824KF	1	WA	WA0003	WA	P008	1500.	25.		F	M	R
WA0824KF	1	WA	WA0003	WA	P009	1500.	21.		F	M	R
WA0824KF	1	WA	WA0003	WA	P010		0.2		-	-	-
WA0824KF	1	WA	WA0004	WA	P002	1200.	1.8		G	M	C
WA0824KF	1	WA	WA0004	WA	P007	1500.	8.		G	M	C
WA0824KF	1	WA	WA0004	WA	P008	1500.	25.		F	M	R
WA0824KF	1	WA	WA0004	WA	P009	1500.	21.		F	M	R
WA0824KF	1	WA	WA0004	WA	P010		0.2		-	-	-
WA0824KF	1	PB	WA0005	PB	P007	360.	8.		G	M	C
WA0824KF	1	PB	WA0005	PB	P010		0.2		-	-	-
WA0824KF	1	BK	WA0006	BK	P011		0.01		-	-	-
WA0824KF	1	OF	WA0007	OF	P011		0.01		-	-	-
WA0824KF	1	HA	WA0008	HA	P010		0.2		-	-	-
WA0824KF	1	HA	WA0008	HA	P012		0.01		-	-	-
WA0824KF	1	OF	WA0009	OF	P002	50.	1.8		G	M	C
WA0824KF	1	OF	WA0009	OF	P012		0.01		-	-	-

Building	Floor	Room ID	Location ID	Room Use	Material	Square Feet	% Total Lead	MG Lead per SQ CM	Condition	Action	Urgency
WA0824KF	1	OF	WA0010	OF	P002	95.	1.8		G	M	C
WA0824KF	1	OF	WA0010	OF	P012		0.01		-	-	-
WA0824KF	1	CP	WA0011	CP	P002	25.	1.8		G	M	C
WA0824KF	1	CP	WA0011	CP	P012		0.01		-	-	-
WA0824KF	1	SR	WA0012	SR	P012		0.01		-	-	-
WA0824KF	1	BA	WA0013	BA	P002	25.	1.8		G	M	C
WA0824KF	1	BA	WA0013	BA	P012		0.01		-	-	-
WA0824KF	1	BA	WA0013	BA	P013		0.36		-	-	-
WA0824KF	1	LN	WA0014	LN	P012		0.01		-	-	-
WA0824KF	1	BA	WA0015	BA	P002	25.	1.8		G	M	C
WA0824KF	1	BA	WA0015	BA	P012		0.01		-	-	-
WA0824KF	1	BA	WA0015	BA	P013		0.36		-	-	-
WA0824KF	1	BL	WA0016	BL	P002	20.	1.8		G	M	C
WA0824KF	1	BL	WA0016	BL	P003	450.	0.78		G	M	C
WA0824KF	1	BL	WA0016	BL	P004	100.	7.6		G	M	C
WA0824KF	1	BL	WA0016	BL	P005		0.07		-	-	-
WA0824KF	1	BL	WA0016	BL	P012		0.01		-	-	-
WA0824KF	1	BK	WA0017	BK	P002	50.	1.8		G	M	C
WA0824KF	1	BK	WA0017	BK	P012		0.01		-	-	-
WA0824KF	1	OF	WA0018	OF	P002	45.	1.8		G	M	C
WA0824KF	1	OF	WA0018	OF	P012		0.01		-	-	-
WA0824KF	1	OF	WA0019	OF	P002	50.	1.8		G	M	C
WA0824KF	1	OF	WA0019	OF	P012		0.01		-	-	-
WA0824KF	1	OF	WA0020	OF	P012		0.01		-	-	-
WA0824KF	1	OF	WA0021	OF	P002	20.	1.8		G	M	C
WA0824KF	1	OF	WA0021	OF	P012		0.01		-	-	-
WA0824KF	1	OF	WA0022	OF	P002	20.	1.8		G	M	C
WA0824KF	1	OF	WA0022	OF	P012		0.01		-	-	-
WA0824KF	1	OF	WA0023	OF	P002	20.	1.8		G	M	C
WA0824KF	1	OF	WA0023	OF	P012		0.01		-	-	-
WA0824KF	1	OF	WA0024	OF	P002	20.	1.8		G	M	C
WA0824KF	1	OF	WA0024	OF	P012		0.01		-	-	-
WA0824KF	1	OF	WA0025	OF	P002	45.	1.8		G	M	C
WA0824KF	1	OF	WA0025	OF	P012		0.01		-	-	-
WA0824KF	1	PB	WA0027	PB	P002	60.	1.8		G	M	C
WA0824KF	1	PB	WA0027	PB	P007	324.	8.		G	M	C
WA0824KF	1	PB	WA0027	PB	P010		0.2		-	-	-
WA0824KF	1	PB	WA0028	PB	P002	60.	1.8		G	M	C
WA0824KF	1	PB	WA0028	PB	P010		0.2		-	-	-
WA0824KF	1	VR	WA0031	VR	P013		0.36		-	-	-
WA0824KF	1	VR	WA0032	VR	P013		0.36		-	-	-
WA0824KF	1	VR	WA0033	VR	P013		0.36		-	-	-
WA0824KF	1	VR	WA0034	VR	P013		0.36		-	-	-
WA0824KF	1	VR	WA0035	VR	P013		0.36		-	-	-
WA0824KF	1	VR	WA0036	VR	P013		0.36		-	-	-
WA0824KF	1	VR	WA0037	VR	P013		0.36		-	-	-
WA0824KF	1	VR	WA0038	VR	P013		0.36		-	-	-
WA0824KF	1	EX(N)	WA0039	EX(N	P006	6000.	1.2		G	M	C
WA0824KF	1	EX(W)	WA0040	EX(W	P002	2400.	1.8		G	M	C

Building	Floor	Room ID	Location ID	Room Use	Material	Square Feet	% Total Lead	MG Lead per SQ CM	Condition	Action	Urgency
WA0824KF	1	EX(W)	WA0040	EX(W	P006	25000.	1.2		F	M	R
WA0824KF	1	EX(W)	WA0040	EX(W	P007	2000.	8.		G	M	C
WA0824KF	1	EX(W)	WA0040	EX(W	P010		0.2		-	-	-
WA0824KF	1	EX(S)	WA0041	EX(S	P001	6000.	0.93		F	M	R
WA0824KF	1	EX(E)	WA0042	EX(E	P002	2900.	1.8		G	M	C
WA0824KF	1	EX(E)	WA0042	EX(E	P006	25000.	1.2		F	M	R
WA0824KF	1	EX(E)	WA0042	EX(E	P007	1200.	8.		G	M	C
WA0824KF	1	EX(E)	WA0042	EX(E	P010		0.2		-	-	-

TABLE 9

LISTING OF ALL PAINT EVALUATED
WITH (0.5% OR MORE LEAD) OR (1 MG/SQ CM OR MORE LEAD)

SURVEY PERFORMED AT: AUBURN PROID: WA0824
PROJECT STATE: WA
PROJECT NAME: WAREHOUSE # 1
PROJECT DATE: MARCH, 1994

(See Table 13 for Listing of Material Codes)

Material	% Lead	MG Lead per SQ CM	Brief Description of Material
P001	0.93		BLUE PAINT SOUTH EXTERIOR WALL
P002	1.8		BROWN PAINT WINDOW CASING
P003	0.78		GREEN PAINT PIPE LAGGING BOILER ROOM
P004	7.6		ORANGE PAINT PIPE LAGGING BOILER ROOM
P006	1.2		YELLOW PAINT EXTERIOR WALLS
P007	8.		RED PAINT EXTERIOR DOORS
P008	25.		ORANGE PAINT WAREHOUSE FLOOR STRIPE
P009	21.		YELLOW PAINT WAREHOUSE FLOOR STRIPE

TABLE 10

LISTING OF ALL PAINT EVALUATED
WITH (LESS THAN 0.5% LEAD) or (LESS THAN 1 MG LEAD PER SQ CM)

SURVEY PERFORMED AT: AUBURN PROID: WA0824
PROJECT STATE: WA
PROJECT NAME: WAREHOUSE # 1
PROJECT DATE: MARCH, 1994

(See Table 13 for Listing of Material Codes)

Material	% Lead	MG Lead per SQ CM	Brief Description of Material
P005	0.07		GRAY PAINT FLOOR BOILER ROOM
P010	0.2		RED PAINT SAFETY MARKING EXTINGUISHER LOCATION
P011	0.01		WHITE PAINT OVER LITE GREEN PAINT BAY 2 WALLS
P012	0.01		BLUE PAINT OVER WHITE PAINT OFFICES
P013	0.36		CREAM PAINT ON BATH ROOM CEILING & VALVE ROOM I

TABLE 11

SUMMARY OF BULK LEAD SAMPLE RESULTS

SURVEY PERFORMED AT: AUBURN PROID: WA0824
PROJECT STATE: WA
PROJECT NAME: WAREHOUSE # 1
PROJECT DATE: MARCH, 1994

(See Table 12 for Location ID Codes and 13 for Material Codes)

Sample#	Sample Date	Location ID	Material	% Lead	MG Lead per SQ CM
L001	04/11/94	WA0041	P001	0.93	
L002	04/11/94	WA0042	P002	1.8	
L003	04/11/94	WA0016	P003	0.78	
L004	04/11/94	WA0016	P004	7.6	
L005	04/11/94	WA0016	P005	0.07	
L006	04/11/94	WA0040	P006	1.2	
L007	04/11/94	WA0040	P007	8.	
L008	04/11/94	WA0001	P008	25.	
L009	04/11/94	WA0001	P009	21.	
L010	04/11/94	WA0001	P010	0.2	
L011	04/11/94	WA0002	P011	0.01	
L012	04/11/94	WA0008	P012	0.01	
L013	05/04/94	WA0013	P013	0.36	

Table 12

LISTING OF LOCATION ID CODES

SURVEY PERFORMED AT: AUBURN PROID: WA0824
PROJECT STATE: WA
PROJECT NAME: WAREHOUSE # 1
PROJECT DATE: MARCH, 1994

Location ID	Building	Floor	Room ID	Use of Room
WA0001	WA0824KF	1	WA	WA
WA0002	WA0824KF	1	WA	WA
WA0003	WA0824KF	1	WA	WA
WA0004	WA0824KF	1	WA	WA
WA0005	WA0824KF	1	PB	PB
WA0006	WA0824KF	1	BK	BK
WA0007	WA0824KF	1	OF	OF
WA0008	WA0824KF	1	HA	HA
WA0009	WA0824KF	1	OF	OF
WA0010	WA0824KF	1	OF	OF
WA0011	WA0824KF	1	CP	CP
WA0012	WA0824KF	1	SR	SR
WA0013	WA0824KF	1	BA	BA
WA0014	WA0824KF	1	LN	LN
WA0015	WA0824KF	1	BA	BA
WA0016	WA0824KF	1	BL	BL
WA0017	WA0824KF	1	BK	BK
WA0018	WA0824KF	1	OF	OF
WA0019	WA0824KF	1	OF	OF
WA0020	WA0824KF	1	OF	OF
WA0021	WA0824KF	1	OF	OF
WA0022	WA0824KF	1	OF	OF
WA0023	WA0824KF	1	OF	OF
WA0024	WA0824KF	1	OF	OF
WA0025	WA0824KF	1	OF	OF
WA0026	WA0824KF	RF	RF	RF
WA0027	WA0824KF	1	PB	PB
WA0028	WA0824KF	1	PB	PB
WA0029	WA0824KF	1	LD	LD
WA0030	WA0824KF	1	LD	LD
WA0031	WA0824KF	1	VR	VR
WA0032	WA0824KF	1	VR	VR
WA0033	WA0824KF	1	VR	VR
WA0034	WA0824KF	1	VR	VR

Location ID	Building	Floor	Room ID	Use of Room
WA0035	WA0824KF	1	VR	VR
WA0036	WA0824KF	1	VR	VR
WA0037	WA0824KF	1	VR	VR
WA0038	WA0824KF	1	VR	VR
WA0039	WA0824KF	1	EX(N)	EX
WA0040	WA0824KF	1	EX(W)	EX
WA0041	WA0824KF	1	EX(S)	EX
WA0042	WA0824KF	1	EX(E)	EX
WA0043	WA0824KF	RF	RF	RF
WA0044	WA0824KF	1	UC	UC

TABLE 13

ABBREVIATIONS USED TO DESCRIBE TYPES OF MATERIALS
IN FOH ASBESTOS/LEAD PAINT DATABASE

Abbreviation	Description of Material	Type of Material	Units of Measure
AD	ADHESIVE	M	SF
AP	ASBESTOS PIPE	M	LF
AS	ASBESTOS SHEET (TRANSITE)	M	SF
BB	BASE BOARD	M	LF
BC	BLOWN CEILING (POPCORN)	M	SF
BM	BASEBOARD MASTIC	M	SF
BS	BRAKE SHOES	M	SF
CA	CARPET	M	SF
CB	COVE BASEBOARD	M	SF
CD	CONTAMINATED DIRT	M	SF
CM	CEILING TILE MASTIC	M	SF
CP	COUNTER TOP	M	SF
CS	CEMENT SHEET	M	SF
CT	CEILING TILE (GLUED)	M	SF
DG	DOOR GASKET	M	SF
DS	DECORATIVE SHEETING	M	SF
DT	DUCT TAPE	T	LF
DU	DUST (SETTLED)	M	SF
DW	DRY WALL	M	SF
EC	EXPANSION COMPOUND	M	SF
EJ	EXPANSION JOINT	M	LF
FB	FIBER BOARD	M	SF
FC	FLOOR COMPOUND	M	SF
FD	FIRE DOOR	M	SF
FP	FELT PAPER	M	SF
FS	FLOOR SHEETING	M	SF
FT	FLOOR TILE	M	SF
GT	GROUT, TILE	M	SF
IA	INSULATION, ATTIC	M	SF
IB	INSULATION, BOILER	T	SF
IC	INSULATION , CHILLER	T	SF
ID	INSULATION, DUCTS	M	SF
IE	INSULATION, HEAT EXCHANGE	T	SF

Material Types		Units of Measure	
S	Surface	SF	Square Feet
T	Thermal	LF	Linear Feet
M	Miscellaneous	#	Number of items

Abbreviation	Description of Material	Type of Material	Units of Measure
IF	INSULATION, FLUE PIPE	T	SF
IG	INSULATION, GASKET	T	#
IH	INSULATION, HOOD	M	SF
IJ	INSULATION, JOINTS/ELBOWS	T	#
IL	INSULATION CIRCUIT BREAKR	M	#
IN	INSULATION, ELECWIRE	M	LF
IP	INSULATION, PIPE	T	LF
IR	INSULATING, ROPE	T	LF
IS	INSULATION, AUTOCLAVE	T	SF
IT	INSULATION, TANK, WATER	T	SF
IV	INSULATION, CLOTH COVER	T	LF
IW	INSULATION, WALL & FLOOR	M	SF
JC	JOINT COMPOUND	M	SF
LC	LEVELING COMPOUND	M	SF
MB	MASTIC BASEBOARD	M	SF
MC	MASTIC CEILING TILES	M	SF
MS	MASTIC FLOOR SHEETING	M	SF
MT	MASTIC FLOOR TILES	M	SF
P	PAINT	S	SF
PB	PLASTER, BROWN COAT	M	SF
PC	PLASTER COAT	M	SF
PS	PAINT SURFACE	M	SF
PT	PLASTER, TOP COAT	M	SF
RB	RUBBER	M	SF
RP	ROOFING PAPER	M	SF
RS	ROOF SHEETING	M	SF
SC	SUSPENDED CEILING TILE	M	SF
SF	SPRAYED FIREPROOFING	S	SF
SH	SHINGLES, ASPHALT	M	SF
ST	STUCCO	M	SF
TE	TERRAZO	M	SF
TF	TROWLED FIREPROOFING	S	SF
TP	TAPE	M	LF
TR	TAR,ROOFING,PATCHING,ETC.	M	SF
TX	TEXTURE (WALL/CEILING)	M	SF
VB	VALVE BLANKET	T	SF
VC	VIBRATION DAMPENING CLOTH	M	SF
WP	WINDOW PUTTY	M	LF
XS	EXTERIOR SIDING	M	SF

Material Types		Units of Measure	
S	Surface	SF	Square Feet
T	Thermal	LF	Linear Feet
M	Miscellaneous	#	Number of items

Abbreviations Used to Describe Types of Materials
in FOH Asbestos/Lead Paint Database
Table 13/Page 2

TABLE 14

ABBREVIATIONS FOR USE, FLOOR, AND ROOM CODES
IN FOH ASBESTOS/LEAD PAINT DATABASE

Abbreviation	Description of Use, Floor and Room Codes
AC	AUTOCLAVE/STERILIZER
AL	ALL FLOORS/ROOMS
AT	ATTIC
AU	AUDIOLOGY ROOM
BA	BATH ROOM
BG	BREAKER GALLERY
BH	BOAT HOUSE
BK	BREAK ROOM/LUNCH ROOM
BL	BOILER ROOM
BR	BED ROOM
BS	BASEMENT
BT	BATTERY ROOM
CA	CASHIER
CB	CAB
CC	CONTROL CENTER
CD	CARBON DIOXIDE ROOM
CE	CLOSET
CF	CONFERENCE ROOM
CG	CABLE ROOM\GALLERY
CH	CHAPEL
CL	CLASS ROOM
CM	COMMUNICATION EQUIP. ROOM
CN	CENTRAL SUPPLY
CO	CONTROL/OPERATIONS ROOM
CP	COMPUTER ROOM
CR	CLEAN ROOM
CS	CRAWLSPACE
CT	CONTROL TOWER
CU	COUTROOM
CW	CARPENTER SHOP
CX	CRANE
DA	DAM
DE	DELIVERY ROOM
DK	DARKROOM
DN	DENTAL CLINIC
DR	DINING ROOM
EC	ELEVATOR CAR
EK	EKG ROOM
EL	ELECTRICAL ROOM/SHOP
EM	ELEVATOR MECHANICAL ROOM
EN	ENT CLINIC
EQ	EQUIPMENT ROOM

Abbreviation	Description of Use, Floor and Room Codes
ER	EMERGENCY ROOM
ES	ELEVATOR SHAFT
ET	ENTRY
EX	EXTERIOR
FA	FAN ROOM
FB	FEDERAL BUILDING
FR	FILE ROOM
FU	FURNACE ROOM
FW	FIRE WALL
GA	GARAGE
GF	GROUND FLOOR
GI	GATE INTAKE
GL	GALLERY
GR	GENERATOR ROOM\GALLEY
GS	GIFT SHOP
GU	GUARD HOUSE/POST
GW	GATE SPILLWAY
GY	GYM/EXERCISE ROOM
HA	HALL
HH	HOWARD HANSON
HO	HOLDING CELL
HP	HOSPITAL
HV	HVAC ROOM
IN	INCINERATOR
KT	KITCHEN
LA	LABORATORY
LB	LIBRARY
LC	LOCKS
LD	LOADING DOCK
LF	LOFT
LK	LOCKER ROOM
LN	LOUNGE
LR	LIVING ROOM
LS	LINEN STORAGE
LU	LAUNDRY
LY	LOBBY
MA	MAIL ROOM
MC	MEDICATION ROOM
MD	PHYSICIAN'S OFFICE
ME	MECHANICAL ROOM
MM	MUD MOUNTAIN
MO	MORGUE
MR	MAINTENANCE SHOP/ROOM
MS	MACHINE SHOP
MZ	MEZZANINE
NS	NURSE'S STATION
NU	NURSERY
OB	OFFICE BUILDING
OF	OFFICE
OL	OIL PURIFICATION/STORAGE
OP	OPHTHALMOLOGY CLINIC

Abbreviation	Description of Use, Floor and Room Codes
OR	SURGERY SUITE
OS	OBSTETRICAL SUITE
PA	PAINT ROOM
PB	PASSAGEWAY
PC	PIPE CHASE
PE	PENTHOUSE
PF	PLATFORM
PH	PHARMACY
PI	PIPE (PLUMBING) SHOP
PL	PLENUM
PR	PATIENT ROOM
PS	PAINT STORAGE
PT	PHYSICAL THERAPY
PU	PUMP ROOM
PW	POWERHOUSE
PY	PLAY ROOM
RA	RADIOLOGY
RC	RECEPTION ROOM
RE	RESIDENCE
RF	ROOF
RG	REFRIGERATION AREA
RP	REPAIR ROOM
RR	RECOVERY ROOM
RS	RESPIRATORY THERAPY
SB	SNACK BAR
SC	SCHOOL
SE	SEWAGE ROOM
SP	SPREAD ROOM
SR	STOREROOM
ST	STAIRWAY
TC	TRAFFIC CONT. (TRACON)
TE	TELEPHONE EQUIP. RM.
TN	TRANSFORMER ROOM
TR	TREATMENT ROOM
TU	TURBINE/GENERATOR ROOM
UC	UTILITY CHASE
UG	UTILITY GALLERY
UT	UTILITY ROOM
VA	VACANT
VC	VISITOR CENTER
VR	VALVE ROOM
VU	VAULT
WA	WAREHOUSE
WE	WELDING SHOP
WR	WAITING ROOM
WS	WALL SPACE (INSIDE)
WT	WATER TREATMENT
XR	EXAM ROOM

TABLE 16

SUMMARY OF ASBESTOS CONTAINING MATERIALS, GROUPED BY MATERIAL
WITH AN ACTION OF REMOVE (R), ENCAPSULATE (E),
COVER OR ENCASE (C), OR PATCH OR REPAIR (P)

SURVEY PERFORMED AT: AUBURN PROID: WA0824
Project State: WA
Project Name: WAREHOUSE # 1
Project Date: MARCH, 1994

(See Tables 12, 13, 14 and 15 for Codes Used in this Table)

Building	Floor	Room ID	Location ID	Room Use	Material	Quantity	% Total Asbestos	Friable	Condition	Action	Urgency
WA0824KF	1	OF	WA0007	OF	CT01	180.	2.	Y	G	R	R
WA0824KF	1	HA	WA0008	HA	CT01	1320.	2.	Y	G	R	R
WA0824KF	1	SR	WA0012	SR	CT01	66.	2.	Y	G	R	R
WA0824KF	1	LN	WA0014	LN	CT01	108.	2.	Y	G	R	R
WA0824KF	1	BK	WA0017	BK	AD03	200.	3.	N	G	L	L
WA0824KF	1	BK	WA0017	BK	CT01	400.	2.	Y	G	R	R

TABLE 17

SUMMARY OF LOCATIONS CONTAINING LEAD PAINT (0.5% OR GREATER) OR (1 MG/SQ CM OR GREATER)

WITH AN ACTION OF REMOVE (R), ENCAPSULATE (E), COVER OR ENCASE (C) OR PATCH OR REPAIR (P)

SURVEY PERFORMED AT: AUBURN	PROID: WA0824
Project State: WA	
Project Name: WAREHOUSE # 1	
Project Date: MARCH, 1994	

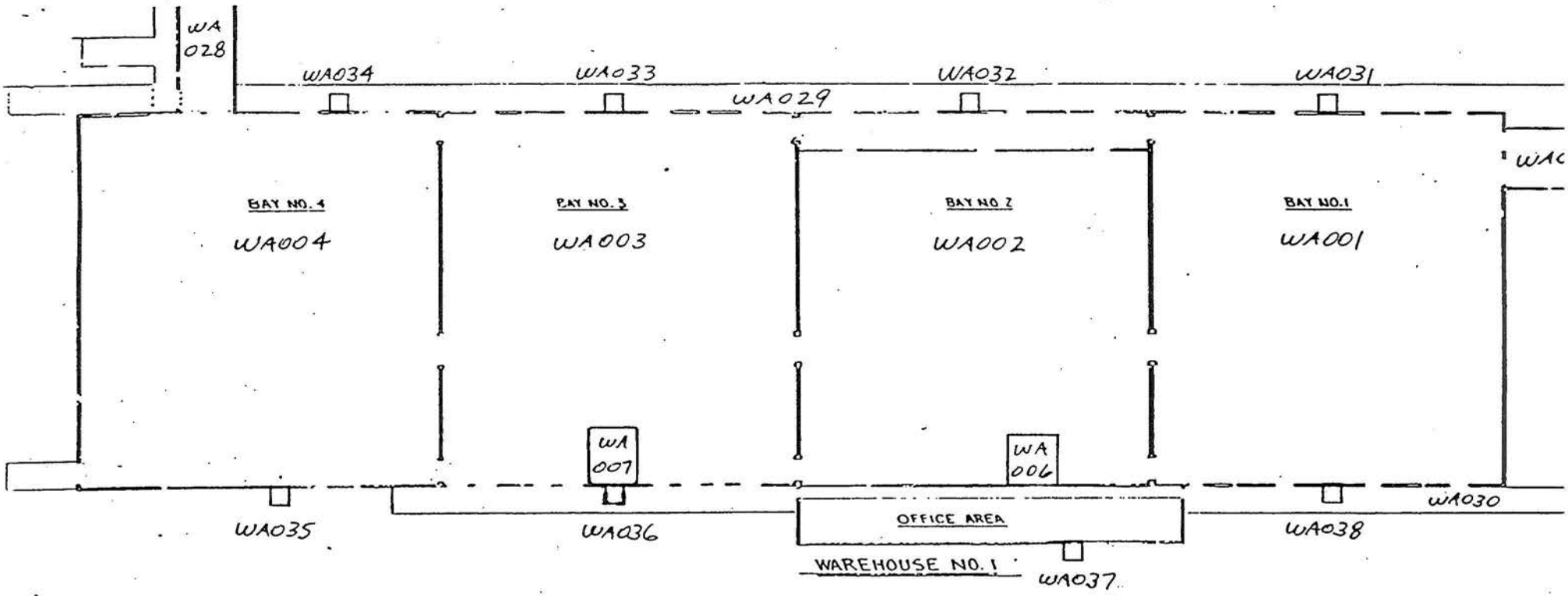
(See Tables 12, 13, 14 and 15 for Codes Used in this Table)

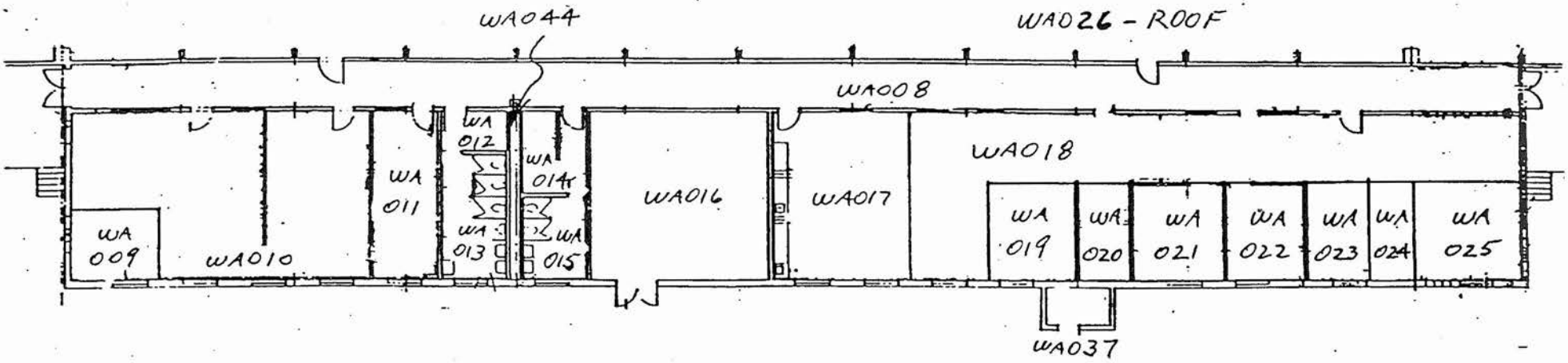
No locations containing lead paint with an action of Remove (R), Encapsulate (E), cover or encase (C), or patch or repair (P) were found.

APPENDIX 1

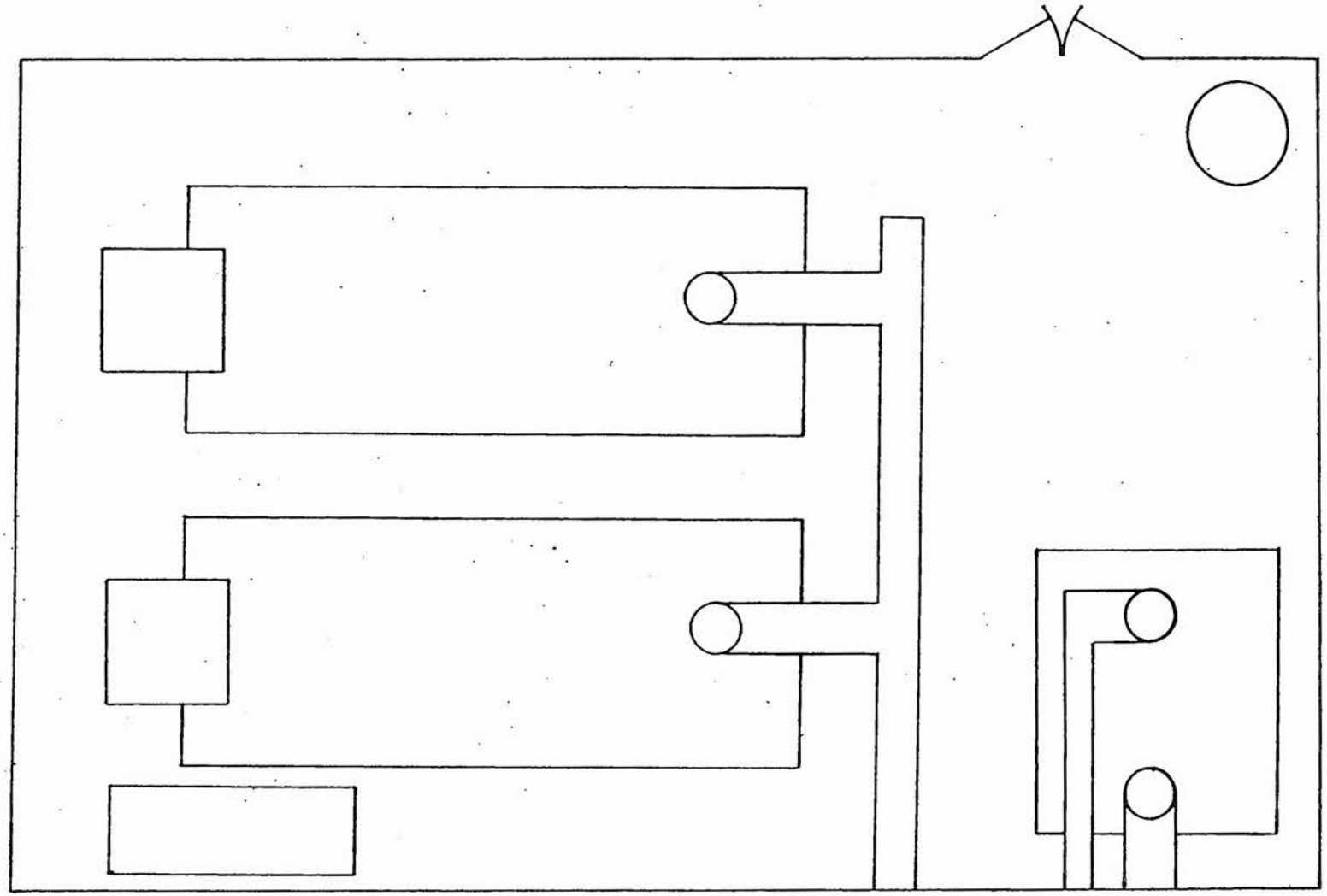
Floor Plans
(Location Identification)

WA039 - EXTERIOR WALL - NORTH
WA040 - " WEST
WA041 - " SOUTH
WA042 - " EAST
WA043 - ROOF





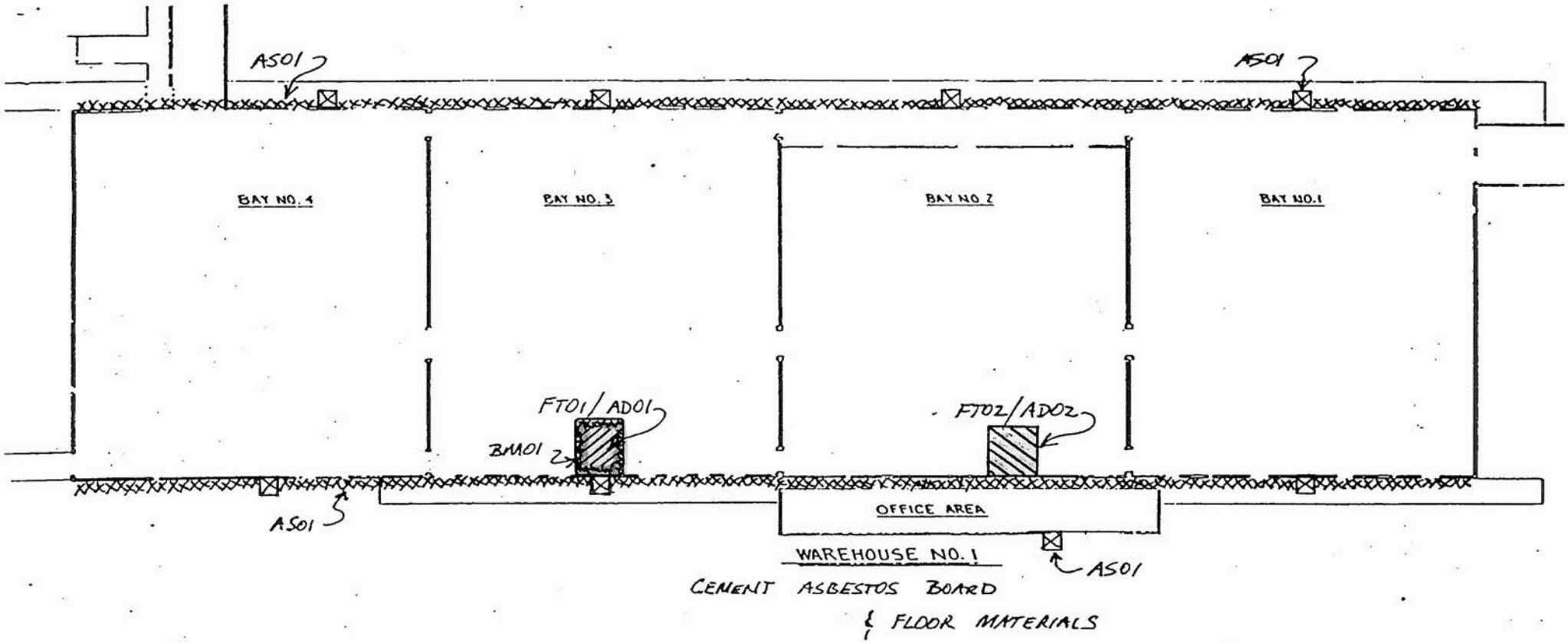
OFFICE FLOOR PLAN (WAREHOUSE NO. 1)

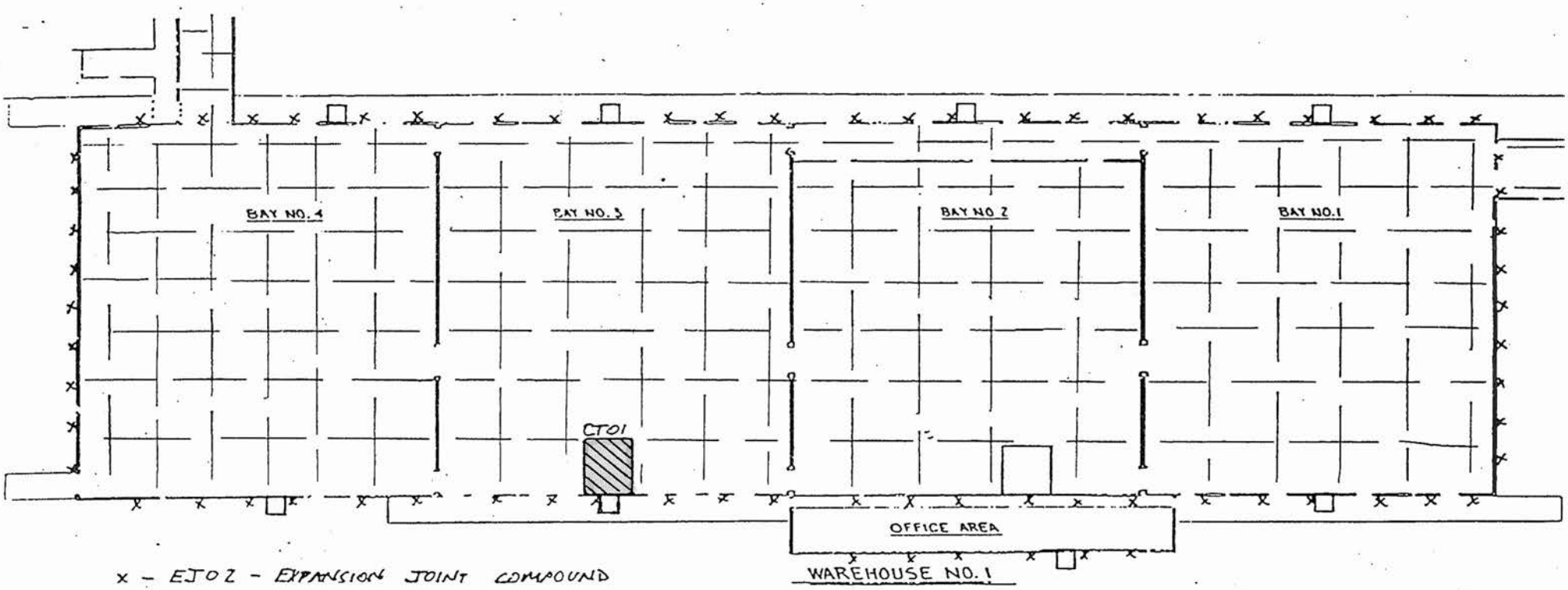


Warehouse 1 Boiler Room

APPENDIX 2

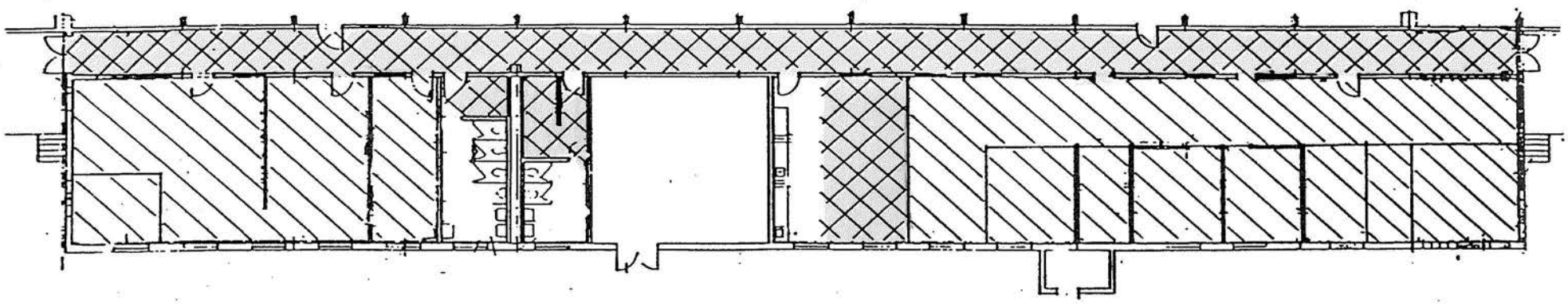
Location of Asbestos-Containing Materials Shown on Floor Plans


AS01
AS01
BAY NO. 4
BAY NO. 3
BAY NO. 2
BAY NO. 1
FT01/AD01
BM01
FT02/AD02
AS01
OFFICE AREA
WAREHOUSE NO. 1
AS01
CEMENT ASBESTOS BOARD
& FLOOR MATERIALS



x – EJ02 - EXPANSION JOINT COMPOUND

– TR02 - ASBESTOS IN ASPHALT
(USED AS FILLER IN CONCRETE FLOOR SEAMS)

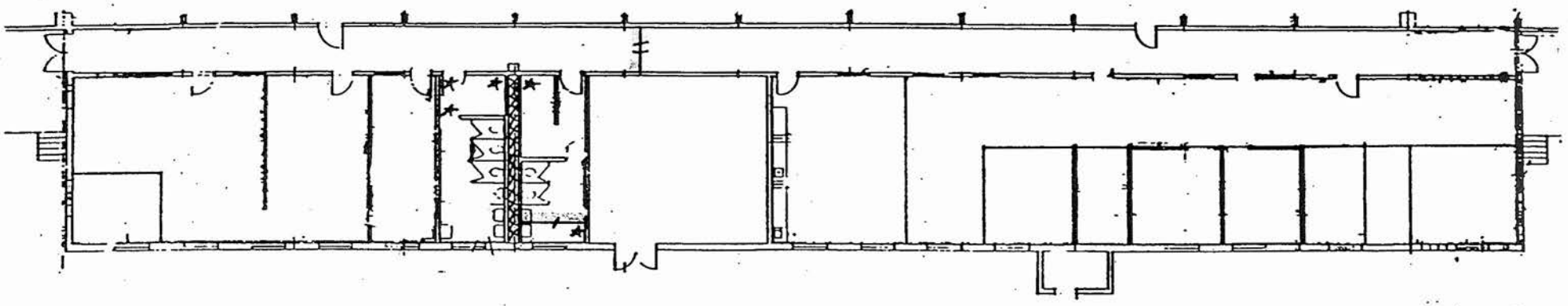


OFFICE FLOOR PLAN (WAREHOUSE NO. 1)

FLOOR & CEILING MATERIALS

— FT03/AD03

— FT03 & CT01 / AD03



OFFICE FLOOR PLAN (WAREHOUSE NO. 1)

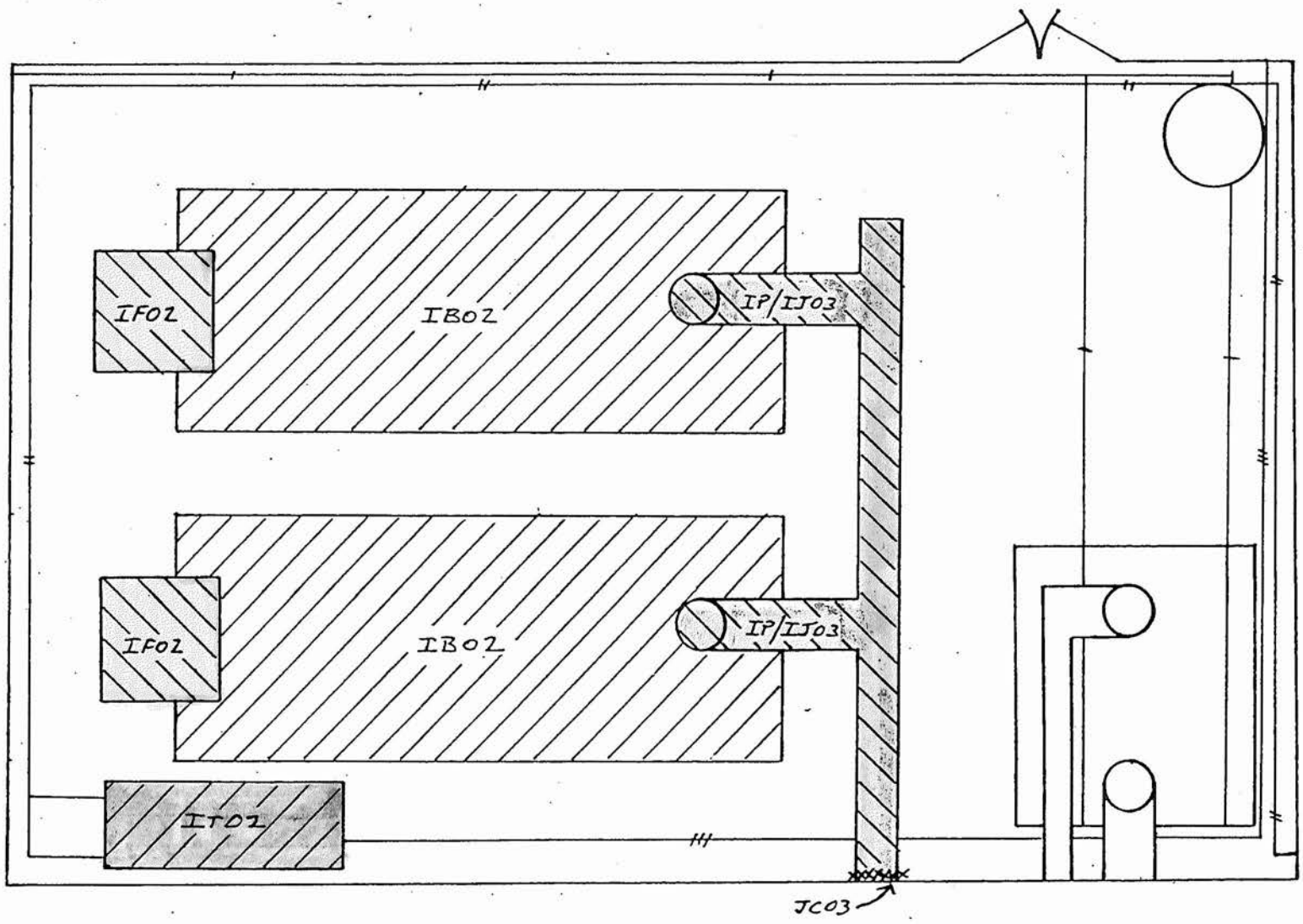
THERMAL SYSTEM INSULATION

WA044 — IJ04, IJ05, IP06

— IP06

— IP03

★ — IJ04



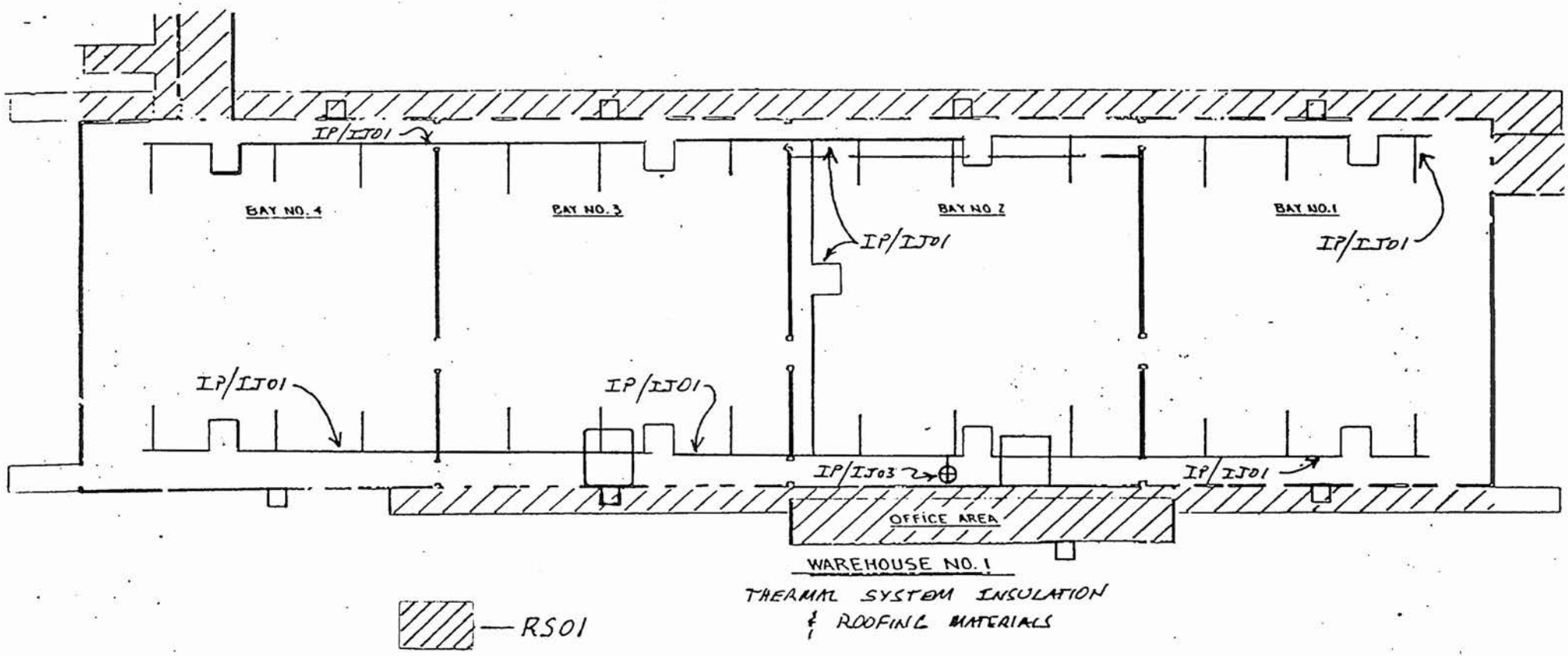
WA01L - BOILER ROOM, WAREHOUSE #1

THERMAL SYSTEM INSULATION

——— - IJ04

——— - IJ05

——— - IP06



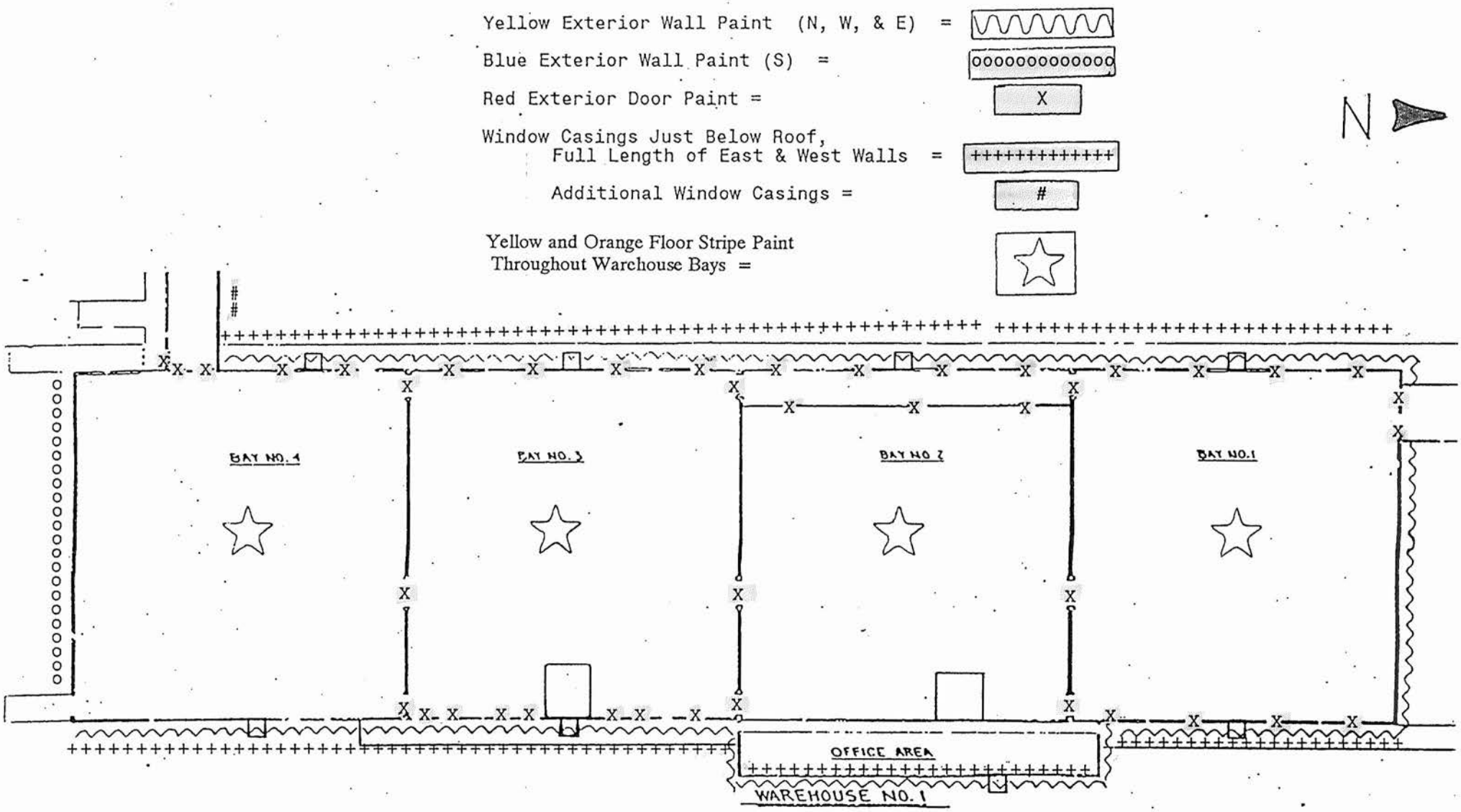
WAREHOUSE NO. 1

THERMAL SYSTEM INSULATION & ROOFING MATERIALS

— RS01

APPENDIX 3

Location of Lead-Containing Materials Shown on Floor Plans

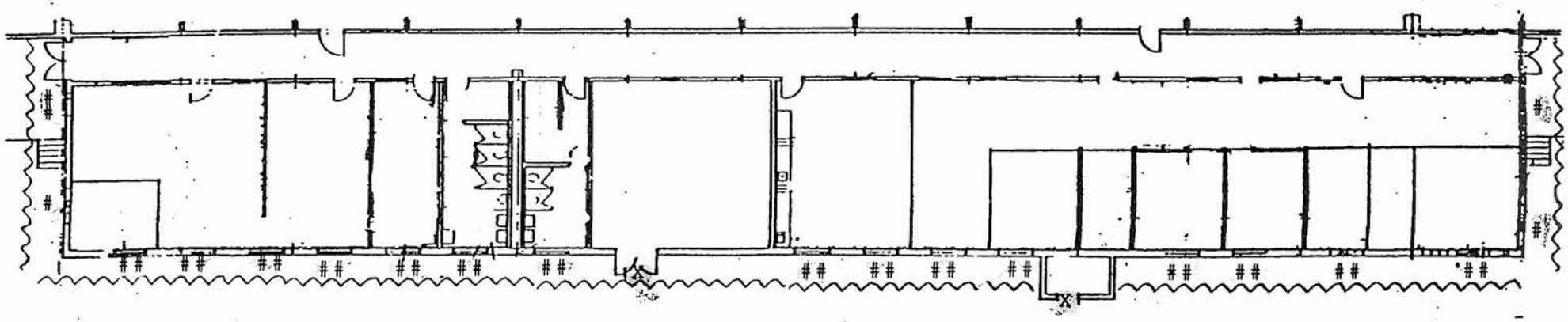


LEAD CONTAINING PAINTS

Yellow Exterior Wall Paint =

Red Exterior Door Paint =

Window Casings =

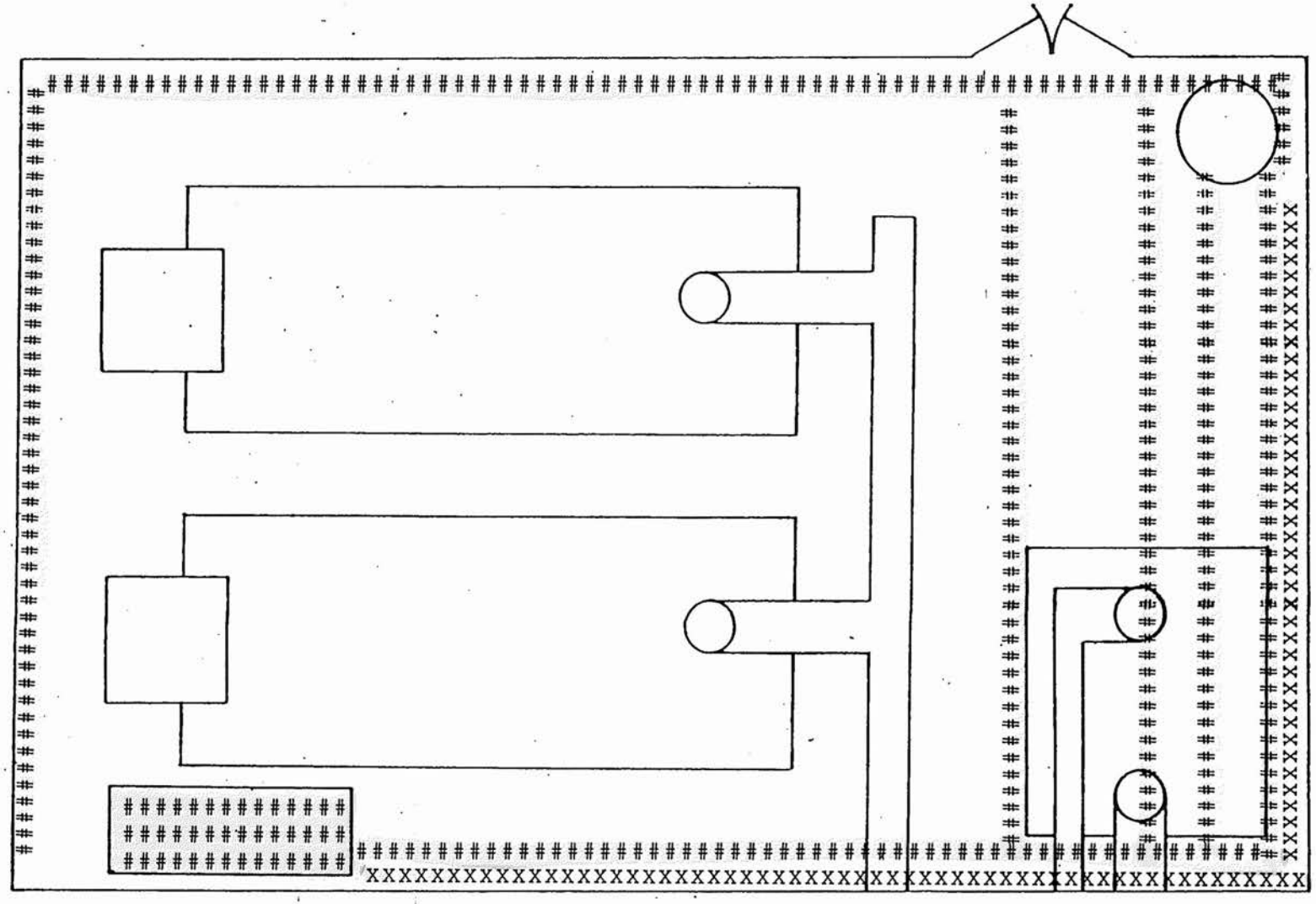


OFFICE, FLOOR PLAN (WAREHOUSE NO. 1)

LEAD CONTAINING PAINTS

Orange Lagging (Ai.. ank) Paint = ##########

Green Lagging Paint = XXXXXXXXXX

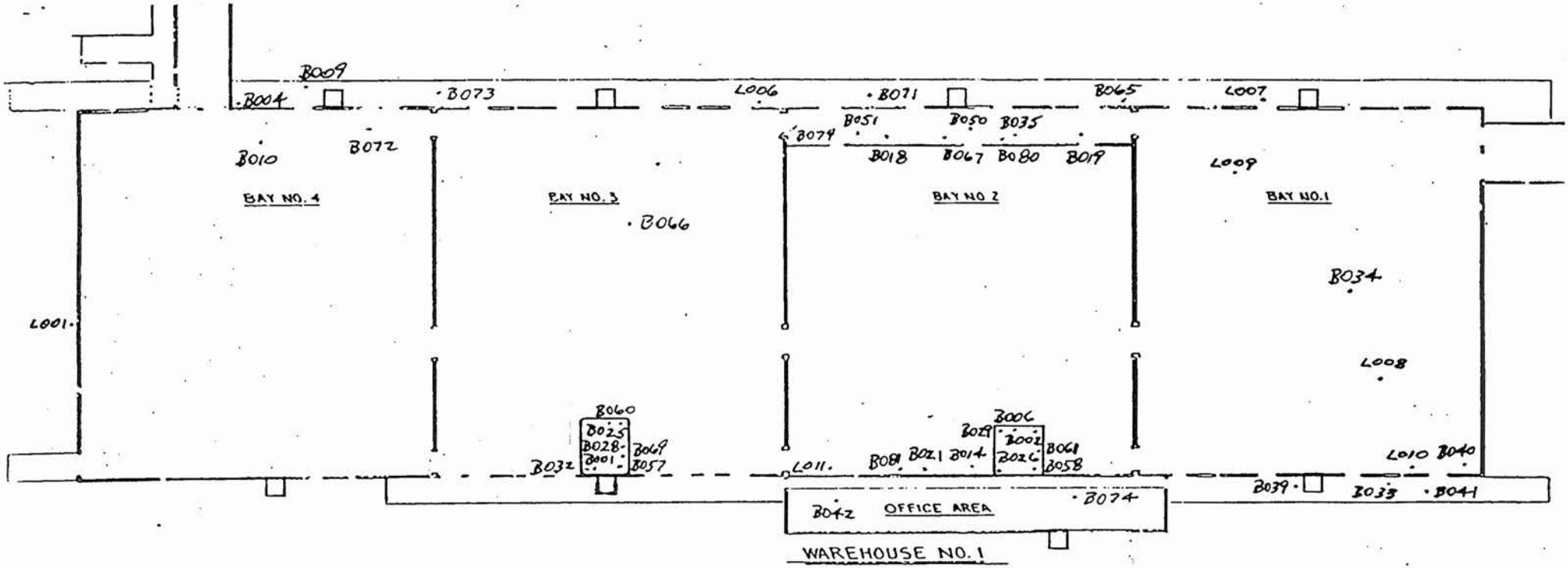


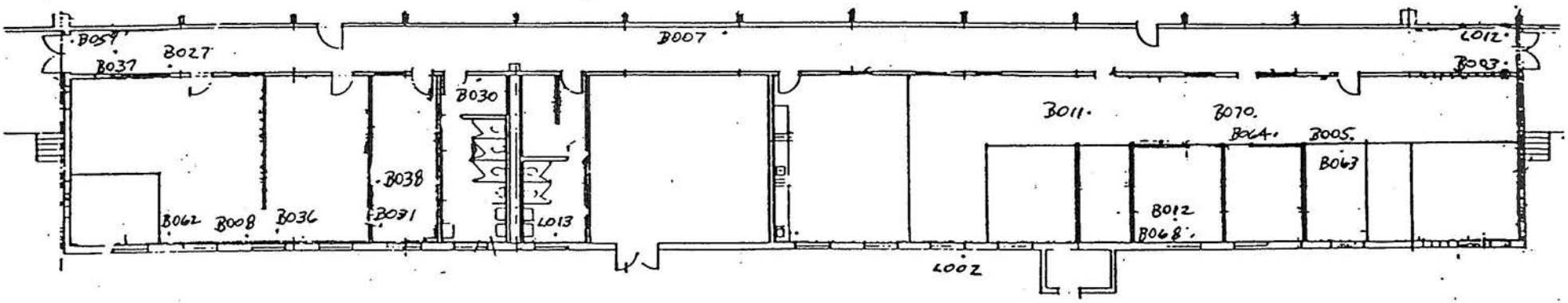
Warehouse 1 Boiler Room

LEAD CONTAINING PAINTS

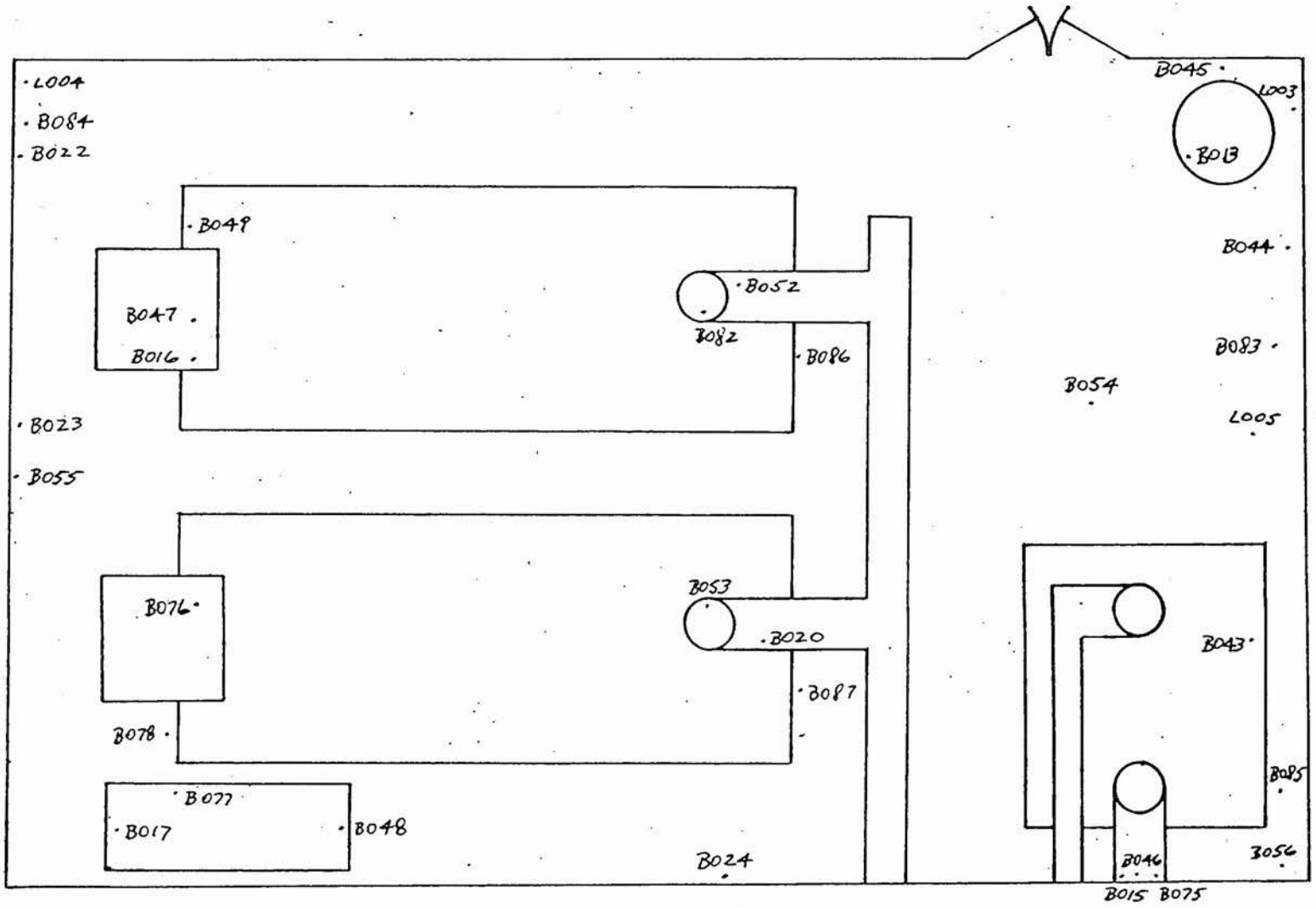
APPENDIX 4

Location of Bulk Sample Sites


B009
B004
B073
L006
B071
B065
L007
B051
B050
B035
B079
B010
B072
B018
B067
B080
B019
L009
BAY NO. 4
BAY NO. 3
BAY NO 2
BAY NO. 1
B066
B034
L001
L008
B060
B025
B028
B001
B069
B057
B032
L011
B081
B021
B014
B029
B006
B002
B026
B061
B058
L010
B040
B039
B033
B041
B042
OFFICE AREA
B074
WAREHOUSE NO. 1



OFFICE FLOOR PLAN (WAREHOUSE NO. 1)



WA016 — BOILER ROOM, WAREHOUSE #1

APPENDIX 5

Bulk Sample Results

ANALYSIS REPORT

AMTEST

AmTest Inc.
Professional Analytical Services
14603 N.E. 37th St.
Redmond, WA 98052
Fax: 206 883 3495
Tel: 206 885 1664

DHHS/PHS/DFEOH
2201 6th Ave., MS RX-21
Seattle, WA 98121
Attention: Arvin Apol

Date Received: 4/12/94
Date Reported: 4/21/94

PO Number: A-94-0054-47U

PARAMETER	UNITS	RESULT
94-A007149		
CLIENT ID: L001		
Lead	ug/g	9300
94-A007150		
CLIENT ID: L002		
Lead	ug/g	18000
94-A007151		
CLIENT ID: L003		
d	ug/g	7800
94-A007152		
CLIENT ID: L004		
Lead	ug/g	76000
94-A007153		
CLIENT ID: L005		
Lead	ug/g	680
94-A007154		
CLIENT ID: L006		
Lead	ug/g	12000
94-A007155		
CLIENT ID: L007		
Lead	ug/g	80000
94-A007156		
CLIENT ID: L008		
d	ug/g	250000
94-A007157		
CLIENT ID: L009		
Lead	ug/g	210000

ANALYSIS REPORT

AMTEST

AmTest Inc.
Professional Analytical Services
14603 N.E. 87th St.
Redmond, WA 98052
Fax: 206 883 3495
Tel: 206 885 1664

:IS/PHS/DFEOH
2201 6th Ave., MS RX-21
Seattle, WA 98121
Attention: Arvin Apol

Date Received: 4/12/94
Date Reported: 4/21/94

PO Number: A-94-0054-47U

PARAMETER	UNITS	RESULT
94-A007158		
CLIENT ID: L010		
Lead	ug/g	2000
94-A007159		
CLIENT ID: L011		
Lead	ug/g	130
94-A007160		
CLIENT ID: L012		
Lead	ug/g	96.

Reported by: _____
Marc Osso

ANALYSIS REPORT AMTEST

AmTest Inc.
Professional Analytical Services
14603 N.E. 87th St.
Redmond, WA 98052
Fax: 206 883 3495
Tel: 206 885 1664

IS/PHS/DFEOH
2201 6th Ave., MS RX-21
Seattle, WA 98121
Attention: Arvin Apol

Date Received: 5/ 4/94
Date Reported: 5/10/94

PO Number: A-94-0054-47U

PARAMETER	UNITS	RESULT
94-A008475		
CLIENT ID: L013 Whse #1		
Lead	ug/g	3600
94-A008476		
CLIENT ID: L013 Whse #2		
Lead	ug/g	< 31
94-A008477		
CLIENT ID: L014 Whse #2		
Lead	ug/g	320
-A008478		
CLIENT ID: L015 Whse #2		
Lead	ug/g	17000
94-A008479		
CLIENT ID: L013 Whse #3		
Lead	ug/g	12000
94-A008480		
CLIENT ID: L014 Whse #3		
Lead	ug/g	37000

Reported by: Jim Smith

ASBESTOS BULK SAMPLE DATA

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B001
SOURCE: FT01
LAB #: 11755.1A PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Gray tile with white streaks

RESULTS:

Layer Analyzed Separately: Layer 1

ASBESTOS TYPE	%
Chrysotile	2

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	98

Note:

SAMPLE #: B001 (B101)
SOURCE: FT01
LAB #: 11755.1B PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Black asphaltic mastic

RESULTS:

Layer Analyzed Separately: Layer 2

ASBESTOS TYPE	%
Chrysotile	3

Total asbestos in all sample layers 5%

OTHER FIBERS	%
Cellulose	8
Synthetic	4
Hair	1

OTHER MATERIALS	%
Asphalt Filler & Binder	84

Note:

SAMPLE #: B002
SOURCE: FT02
LAB #: 11755.2A PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Green tile with white streaks

RESULTS:

Layer Analyzed Separately: Layer 1

ASBESTOS TYPE	%
Chrysotile	3

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	97

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Fukuno
Laboratory Manager

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B002 (B102)
SOURCE: FT02
LAB #: 11755.2B PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Black asphaltic mastic

RESULTS:

Layer Analyzed Separately: Layer 2

ASBESTOS TYPE	%
Chrysotile	3

Total asbestos in all sample layers 6%

OTHER FIBERS	%
Cellulose	1

OTHER MATERIALS	%
Asphalt Filler & Binder	96

Note:

SAMPLE #: B003
SOURCE: FT03
LAB #: 11755.3A PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Beige tile with brown & white streaks

RESULTS:

Layer Analyzed Separately: Layer 1

ASBESTOS TYPE	%
Chrysotile	3

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	97

Note:

SAMPLE #: B003 (B103)
SOURCE: FT03
LAB #: 11755.3B PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Black asphaltic mastic

RESULTS:

Layer Analyzed Separately: Layer 2

ASBESTOS TYPE	%
Chrysotile	5

Total asbestos in all sample layers 8%

OTHER FIBERS	%
Cellulose	1

OTHER MATERIALS	%
Asphalt Filler & Binder	94

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: **B004**
SOURCE: **AS01**

LAB #: 11755.4 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Hard gray flat fibrous cementitious material with brown & gold paint

RESULTS:

ASBESTOS TYPE	%
Chrysotile	7

Note:

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	91
Paint	2

SAMPLE #: **B005**
SOURCE: **DW01**

LAB #: 11755.5 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Pale pink chalky material with paper backing & trace white powder

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

Note:

OTHER FIBERS	%
Cellulose	20
Fibrous Glass	Trace

OTHER MATERIALS	%
Gypsum Filler & Binder	77
Mineral Filler & Binder	3

SAMPLE #: **B006**
SOURCE: **JC01**

LAB #: 11755.6 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Compacted white powdery material with light green paint, paper backing & white chalky material

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	Less than 1

Note:

OTHER FIBERS	%
Cellulose	20

OTHER MATERIALS	%
Gypsum Filler & Binder	10
Mineral Filler & Binder	50
Paint	20

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration

SIGNED: Patricia Fukuhara
Laboratory Manager

HAZCON participates in the NIST/NVLAP Program and is accredited by NVLAP. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed using Polarized Light Microscopy (PLM) and dispersion staining techniques by trained technicians. Analyses are cross-checked by other in-house technicians and other laboratories for quality assurance and verification. The percent values reported above are based on a visual estimate by volume unless verification by Point Counting is indicated. Test results reported relate only to the samples submitted by the client to HAZCON. Trace amounts of asbestos could possibly be missed by PLM, therefore negative results cannot be guaranteed.

ASBESTOS BULK SAMPLE DATA

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B007
SOURCE: CT01
LAB #: 11755.7 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Light brown compressed fibrous material with white paint

RESULTS:

ASBESTOS TYPE	%
Chrysotile	2

Note:

OTHER FIBERS	%
Cellulose	35
Fibrous Glass	59

OTHER MATERIALS	%
Paint	4

SAMPLE #: B008
SOURCE: SC01
LAB #: 11755.8 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Light gray compressed fibrous material with white paint

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

Note:

OTHER FIBERS	%
Cellulose	40
Fibrous Glass	42

OTHER MATERIALS	%
Paint	3
Perlite	15

SAMPLE #: B009
SOURCE: RS01
LAB #: 11755.9 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Black fibrous asphaltic material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	10

Note:

OTHER FIBERS	%
Cellulose	65

OTHER MATERIALS	%
Asphalt Filler & Binder	25

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
LYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Tibbs
Laboratory Manager

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: **B010**
SOURCE: **RS02**
LAB #: 11755.10 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White woven fibrous material with white & blue plastic coating & gray-white soft gummy material

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	2
Synthetic	15

OTHER MATERIALS	%
Plastic	73
Mineral Filler & Binder	10

Note:

SAMPLE #: **B011**
SOURCE: **TR01**
LAB #: 11755.11 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Black brittle hard asphaltic material with embedded gravel

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Asphalt Filler & Binder	90
Gravel	10

Note:

SAMPLE #: **B012**
SOURCE: **VC01**
LAB #: 11755.12 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White silky woven fibers with gray rubbery coating & gold paint

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace
Fibrous Glass	25

OTHER MATERIALS	%
Mineral Filler & Binder	60
Paint	15

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
...LYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

...ZCON participates in the NIST/NVLAP Program and is accredited by NVLAP. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed using Polarized Light Microscopy (PLM) and dispersion staining techniques by trained technicians. Analyses are cross-checked by other in-house technicians and other laboratories for quality assurance and verification. The percent values reported above are based on a visual estimate by volume unless verification by Point Counting is indicated. Test results reported relate only to the samples submitted by the client to HAZCON. Trace amounts of asbestos could possibly be missed by PLM, therefore negative results cannot be guaranteed.

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: **B013**
SOURCE: **IT01**
LAB #: 11755.13 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Pink fluffy fibrous material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

Note:

OTHER FIBERS	%
Fibrous Glass	100

OTHER MATERIALS %

SAMPLE #: **B014**
SOURCE: **IP02**
LAB #: 11755.14 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Yellow fluffy fibrous material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

Note:

OTHER FIBERS	%
Fibrous Glass	99
Cellulose	1

OTHER MATERIALS %

SAMPLE #: **B015**
SOURCE: **IF01**
LAB #: 11755.15 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Tan micaceous brittle hard material with silver & light green paint & black brittle asphaltic material

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Non-Fibrous Tremolite	Less than 1

Note:

OTHER FIBERS	%
Synthetic	Trace

OTHER MATERIALS	%
Vermiculite	40
Mineral Filler & Binder	52
Paint	5
Asphalt Filler & Binder	3

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukas
Laboratory Manager

ASBESTOS BULK SAMPLE DATA

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B016
SOURCE: IF02
LAB #: 11755.16 PRIORITY: Regular
LOCATION: None given
MATERIAL DESCRIPTION: HOMOGENEOUS
White fibrous soft powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	40
Amosite	15

OTHER FIBERS	%
Cellulose	1

OTHER MATERIALS	%
Mineral Filler & Binder	44

Note:

SAMPLE #: B017
SOURCE: IT02
LAB #: 11755.17 PRIORITY: Regular
LOCATION: None given
MATERIAL DESCRIPTION: HOMOGENEOUS
White fibrous soft powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	15
Amosite	10

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	75

Note:

SAMPLE #: B018
SOURCE: IP01
LAB #: 11755.18 PRIORITY: Regular
LOCATION: None given
MATERIAL DESCRIPTION: HOMOGENEOUS
Creamy white fibrous soft powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	50
Amosite	5

OTHER FIBERS	%
Cellulose	3

OTHER MATERIALS	%
Mineral Filler & Binder	42

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukows
Laboratory Manager

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: B019
SOURCE: IJ01

LAB #: 11755.19 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS

Creamy white fibrous soft powdery material with peach paint

RESULTS:

ASBESTOS TYPE	%
Chrysotile	15
Amosite	15

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	67
Paint	3

Note:

SAMPLE #: B020
SOURCE: IP03

LAB #: 11755.20 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS

White fibrous soft powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	10
Amosite	15

OTHER FIBERS	%
Cellulose	Trace
Synthetic	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	75

Note:

SAMPLE #: B021
SOURCE: IJ03

LAB #: 11755.21 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS

Off-white fibrous soft powdery material with peach paint

RESULTS:

ASBESTOS TYPE	%
Chrysotile	50
Amosite	10

OTHER FIBERS	%
Cellulose	3

OTHER MATERIALS	%
Mineral Filler & Binder	37

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration

SIGNED: Patricia Lukas
Laboratory Manager

ASBESTOS BULK SAMPLE DATA

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B022
SOURCE: IJ04
LAB #: 11755.22 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Tan soft fibrous powder with off-white woven fibrous covers & orange paint

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	4
Amosite	1

OTHER FIBERS	%
Cellulose	5
Fibrous Glass	30

OTHER MATERIALS	%
Mineral Filler & Binder	60

Note:

SAMPLE #: B023
SOURCE: IJ05
LAB #: 11755.23 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Light gray soft fibrous powder with off-white woven fibrous cover & green paint

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	10
Amosite	1

OTHER FIBERS	%
Cellulose	15
Fibrous Glass	25

OTHER MATERIALS	%
Mineral Filler & Binder	47
Diatoms	Trace
Asphalt Filler & Binder	2

Note:

SAMPLE #: B024
SOURCE: IP06
LAB #: 11755.24 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Tan fibrous papery layers with trace white fibers & trace black asphaltic fibrous material

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	1

OTHER FIBERS	%
Cellulose	97

OTHER MATERIALS	%
Asphalt Filler & Binder	2

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Fukeus
Laboratory Manager

ASBESTOS BULK SAMPLE DATA

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service** Contact: **David Lesch**
Job Location: **GSA Warehouse #1, Auburn** PO # A-94-0052-47U

SAMPLE #: B025
SOURCE: FT01
LAB #: 11755.25A PRIORITY: Regular
LOCATION: None given
MATERIAL DESCRIPTION: LAYERED
Gray tile

RESULTS:

Layer Analyzed Separately: Layer 1

ASBESTOS TYPE	%
Chrysotile	2

OTHER FIBERS %

OTHER MATERIALS	%
Mineral Filler & Binder	98

Note:

SAMPLE #: B025 (B125)
SOURCE: FT01
LAB #: 11755.25B PRIORITY: Regular
LOCATION: None given
MATERIAL DESCRIPTION: LAYERED
Black asphaltic mastic

RESULTS:

Layer Analyzed Separately: Layer 2

ASBESTOS TYPE	%
Chrysotile	3

Total asbestos in all sample layers 5%

OTHER FIBERS	%
Cellulose	1

OTHER MATERIALS	%
Asphalt Filler & Binder	96

Note:

SAMPLE #: B026
SOURCE: FT02
LAB #: 11755.26A PRIORITY: Regular
LOCATION: None given
MATERIAL DESCRIPTION: LAYERED
Green tile with white streaks

RESULTS:

Layer Analyzed Separately: Layer 1

ASBESTOS TYPE	%
Chrysotile	2

OTHER FIBERS %

OTHER MATERIALS	%
Mineral Filler & Binder	98

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Fulions
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: B026 (B12C)
SOURCE: FT02
LAB #: 11755.26B PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Black asphaltic mastic

RESULTS:

Layer Analyzed Separately: Layer 2

ASBESTOS TYPE	%
Chrysotile	3

Total asbestos in all sample layers 5%

Note:

OTHER FIBERS	%
Cellulose	15
Hair	Trace

OTHER MATERIALS	%
Asphalt Filler & Binder	82

SAMPLE #: B027
SOURCE: FT03
LAB #: 11755.27A PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Beige tile with white & brown streaks

RESULTS:

Layer Analyzed Separately: Layer 1

ASBESTOS TYPE	%
Chrysotile	3

Note:

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	97

SAMPLE #: B027 (B127)
SOURCE: FT03
LAB #: 11755.27B PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Black asphaltic mastic

RESULTS:

Layer Analyzed Separately: Layer 2

ASBESTOS TYPE	%
Chrysotile	2

Total asbestos in all sample layers 5%

Note:

OTHER FIBERS	%
Cellulose	1

OTHER MATERIALS	%
Asphalt Filler & Binder	97

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
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COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: B028
SOURCE: BB01
LAB #: 11755.28A PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Black hard rubbery flat material

RESULTS:

Layer Analyzed Separately: Layer 1
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	100

Note:

SAMPLE #: B028 (B128)
SOURCE: BB01
LAB #: 11755.28B PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Brown soft mastic

RESULTS:

Layer Analyzed Separately: Layer 2

ASBESTOS TYPE	%
Non-Fibrous Tremolite	2

Total asbestos in all sample layers <1%

OTHER FIBERS	%
Cellulose	3
Fibrous Talc	4

OTHER MATERIALS	%
Mineral Filler & Binder	91

Note:

SAMPLE #: B029
SOURCE: BB02
LAB #: 11755.29 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Black hard rubbery flat material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	100

Note:

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COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service** Contact: **David Lesch**
Job Location: **GSA Warehouse #1, Auburn** PO # A-94-0052-47U

SAMPLE #: B030
SOURCE: BB03
LAB #: 11755.30A PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Gray hard rubbery flat material

RESULTS:

Layer Analyzed Separately: Layer 1
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	100

Note:

SAMPLE #: B030 (B130)
SOURCE: BB03
LAB #: 11755.30B PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Off-white stiff pliable mastic

RESULTS:

Layer Analyzed Separately: Layer 2
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	100

Note:

SAMPLE #: B031
SOURCE: DW01
LAB #: 11755.31 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White chalky material with paper backing

RESULTS:

Layer Analyzed Separately: Layer 2
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	30
Fibrous Glass	2

OTHER MATERIALS	%
Gypsum Filler & Binder	68

Note:

SAMPLED BY: Client DATE: 4/12/94
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ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B032
SOURCE: JC01
LAB #: 11755.32 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Off-white, light green & bright yellow paint layers with paper

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Non-Fibrous	Less than 1
Tremolite	

Note:

OTHER FIBERS	%
Cellulose	35
Fibrous Talc	Trace

OTHER MATERIALS	%
Paint	65

SAMPLE #: B033
SOURCE: JC02
LAB #: 11755.33 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Gray & gold soft stiff material with light gray soft pliable rubbery material & paint

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	3

Note:

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Paint	4
Mineral Filler & Binder	93

SAMPLE #: B034
SOURCE: JC03
LAB #: 11755.34 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Black fibrous asphaltic material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	3

Note:

OTHER FIBERS	%
Cellulose	2

OTHER MATERIALS	%
Asphalt Filler & Binder	95

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COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

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An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B035
SOURCE: JC04
LAB #: 11755.35 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Tan hard brittle material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	1

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	99

Note:

SAMPLE #: B036
SOURCE: PC01
LAB #: 11755.36 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Off-white coarse sandy brittle crumbly material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Gypsum Filler & Binder	55
Sand	45

Note:

SAMPLE #: B037
SOURCE: CT01
LAB #: 11755.37 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Light brown compressed fibrous material with white paint

RESULTS:

ASBESTOS TYPE	%
Chrysotile	2

OTHER FIBERS	%
Cellulose	35
Fibrous Glass	58

OTHER MATERIALS	%
Paint	5

Note:

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ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Tubens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

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NVLAP #1106
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Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B038
SOURCE: SC01
LAB #: 11755.38 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Light gray compressed fibrous material with white paint

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

Note:

OTHER FIBERS	%
Cellulose	48
Fibrous Glass	30

OTHER MATERIALS	%
Paint	2
Perlite	20

SAMPLE #: B039
SOURCE: RS01
LAB #: 11755.39 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Dark brown asphaltic fibrous papery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	2

Note:

OTHER FIBERS	%
Cellulose	83
Synthetic	Trace

OTHER MATERIALS	%
Asphalt Filler & Binder	15

SAMPLE #: B040
SOURCE: RS02
LAB #: 11755.40 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Pink woven fibers with white & light blue plastic coating layers

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

Note:

OTHER FIBERS	%
Synthetic	30

OTHER MATERIALS	%
Plastic	70

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COMPANY: General Services Administration
SIGNED: Patricia Fukuma
Laboratory Manager

ASBESTOS BULK SAMPLE DATA

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Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: B041
SOURCE: TR01
LAB #: 11755.41 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Black brittle asphaltic material with embedded gravel

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Asphalt Filler & Binder	95
Gravel	5

Note:

SAMPLE #: B042
SOURCE: VC01
LAB #: 11755.42 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White silky woven fibers with gray & black rubbery coating

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace
Fibrous Glass	30

OTHER MATERIALS	%
Mineral Filler & Binder	70

Note:

SAMPLE #: B043
SOURCE: IB01
LAB #: 11755.43 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Gold fluffy fibrous material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace
Fibrous Glass	100

OTHER MATERIALS	%

Note:

SAMPLED BY: Client DATE: 4/12/94
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COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: **B044**
SOURCE: **IP04**
LAB #: 11755.44 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Light gold fluffy fibrous material with off-white loosely woven fibrous material

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	25
Fibrous Glass	75

OTHER MATERIALS	%

Note:

SAMPLE #: **B045**
SOURCE: **IP05**
LAB #: 11755.45 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Light gold stiff fibrous material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace
Fibrous Glass	100

OTHER MATERIALS	%

Note:

SAMPLE #: **B046**
SOURCE: **IF01**
LAB #: 11755.46 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Tan brittle micaceous material with black & silver paint

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Vermiculite	40
Paint	5
Mineral Filler & Binder	52
Asphalt Filler & Binder	3

Note:

SAMPLED BY: Client DATE: 4/12/94
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COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
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NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # **A-94-0052-47U**

SAMPLE #: **B047**
SOURCE: **IF02**

LAB #: 11755.47 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
White soft fibrous powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	15
Amosite	10

Note:

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	75

SAMPLE #: **B048**
SOURCE: **IT02**

LAB #: 11755.48 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Gray-white soft fibrous powdery material with off-white woven fibrous cover & orange paint

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	65
Amosite	10

Note:

OTHER FIBERS	%
Cellulose	5

OTHER MATERIALS	%
Mineral Filler & Binder	20

SAMPLE #: **B049**
SOURCE: **IB02**

LAB #: 11755.49 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White soft fibrous powdery material with off-white woven & papery fibrous covers & off-white paint

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	20
Amosite	8

Note:

OTHER FIBERS	%
Cellulose	10
Fibrous Glass	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	62

SAMPLED BY: Client DATE: 4/12/94
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COMPANY: General Services Administration

SIGNED: Patricia Lukens
Laboratory Manager

ASBESTOS BULK SAMPLE DATA

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An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B050
SOURCE: IP01

LAB #: 11755.50 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS

Cream white soft fibrous powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	5
Amosite	15

Note:

OTHER FIBERS	%
Fibrous Glass	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	80

SAMPLE #: B051
SOURCE: IJ01

LAB #: 11755.51 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS

White soft fibrous powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	54
Amosite	15
Crocidolite	1

Note:

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	30

SAMPLE #: B052
SOURCE: IP03

LAB #: 11755.52 PRIORITY: Regular

LOCATION: None given

MATERIAL DESCRIPTION: LAYERED

White soft fibrous powdery material with off-white & white woven fibrous covers

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	10
Amosite	15

Note:

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	75

SAMPLED BY: Client DATE: 4/12/94
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COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: B053
SOURCE: IJ03
LAB #: 11755.53 PRIORITY: Regular
LOCATION: None given
MATERIAL DESCRIPTION: LAYERED
White soft fibrous powdery material with orange & yellow cover

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	60
Amosite	5

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	35

Note:

SAMPLE #: B054
SOURCE: IJ04
LAB #: 11755.54 PRIORITY: Regular
LOCATION: None given
MATERIAL DESCRIPTION: HOMOGENEOUS
Light gray soft fibrous powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	35
Amosite	15

OTHER FIBERS	%
Fibrous Glass	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	50

Note:

SAMPLE #: B055
SOURCE: IJ05
LAB #: 11755.55 PRIORITY: Regular
LOCATION: None given
MATERIAL DESCRIPTION: HOMOGENEOUS
Beige soft fibrous powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	5
Amosite	1

OTHER FIBERS	%
Fibrous Glass	35
Cellulose	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	59
Diatoms	Trace

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
LYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukes
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
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NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B056
SOURCE: IP06
LAB #: 11755.56 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White & tan fibrous papery layers with green paint & white woven fibrous material

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	10

OTHER FIBERS	%
Cellulose	88

OTHER MATERIALS	%
Filler & Binder	2

Note:

SAMPLE #: B057
SOURCE: FT01
LAB #: 11755.57A PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Gray tile

RESULTS:

Layer Analyzed Separately: Layer 1

ASBESTOS TYPE	%
Chrysotile	2

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	98

Note:

SAMPLE #: B057 (B157)
SOURCE: FT01
LAB #: 11755.57B PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Black asphaltic mastic

RESULTS:

Layer Analyzed Separately: Layer 2

ASBESTOS TYPE	%
Chrysotile	3

Total asbestos in all sample layers 5%

OTHER FIBERS	%
Cellulose	2
Synthetic	Trace

OTHER MATERIALS	%
Asphalt Filler & Binder	95

Note:

SAMPLED BY: Client DATE: 4/12/94
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ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
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NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B058
SOURCE: FT02
LAB #: 11755.58A PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Green tile with white streaks

RESULTS:

Layer Analyzed Separately: Layer 1

ASBESTOS TYPE	%
Chrysotile	2

OTHER FIBERS %

OTHER MATERIALS	%
Mineral Filler & Binder	98

Note:

SAMPLE #: B058 (B158)
SOURCE: FT02
LAB #: 11755.58B PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Black asphaltic mastic

RESULTS:

Layer Analyzed Separately: Layer 2

ASBESTOS TYPE	%
Chrysotile	2

Total asbestos in all sample layers 4%

OTHER FIBERS %

Cellulose	30

OTHER MATERIALS	%
Asphalt Filler & Binder	68

Note:

SAMPLE #: B059
SOURCE: FT03
LAB #: 11755.59 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Beige tile

RESULTS:

ASBESTOS TYPE	%
Chrysotile	3

OTHER FIBERS %

OTHER MATERIALS	%
Mineral Filler & Binder	97

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
YZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukas
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

HEALTH HAZARD CONTROL SERVICES
HAZCON INC.
4636 E. Marginal Way So. Suite 215
Seattle, WA 98134
(206) 763-7364

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B060
SOURCE: BB01
LAB #: 11755.60 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Black hard rubbery flat material with white paint

RESULTS:

No Asbestos Detected

ASBESTOS TYPE %

OTHER FIBERS %

OTHER MATERIALS %
Mineral Filler & Binder 100

Note:

SAMPLE #: B061
SOURCE: BB02
LAB #: 11755.61 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Black hard rubbery flat material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE %

OTHER FIBERS %

OTHER MATERIALS %
Mineral Filler & Binder 100

Note:

SAMPLE #: B062
SOURCE: BB03
LAB #: 11755.62 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Gray hard rubbery flat material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE %

OTHER FIBERS %

OTHER MATERIALS %
Mineral Filler & Binder 100

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration

SIGNED: Patricia Lukens
Laboratory Manager

ASBESTOS BULK SAMPLE DATA

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(206) 763-7364

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B063
SOURCE: DW01
LAB #: 11755.63 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Pale pink chalky crumbly material with paper backing & white paint

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	20
Fibrous Glass	1

OTHER MATERIALS	%
Gypsum Filler & Binder	75
Paint	4

Note:

SAMPLE #: B064
SOURCE: JC01
LAB #: 11755.64 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White compacted powdery material with yellow fibers & paper backing

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	50
Fibrous Glass	1

OTHER MATERIALS	%
Mineral Filler & Binder	49

Note:

SAMPLE #: B065
SOURCE: JC02
LAB #: 11755.65 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Brown & beige solid soft materials & bright yellow-gold paint

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	3

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	96
Paint	1

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

ASBESTOS BULK SAMPLE DATA

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(206) 763-7364

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B066
SOURCE: JC03
LAB #: 11755.66 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Black stiff pliable asphaltic material with bright yellow paint

RESULTS:

ASBESTOS TYPE	%
Chrysotile	5

Note:

OTHER FIBERS	%
Cellulose	3
Synthetic	Trace

OTHER MATERIALS	%
Asphalt Filler & Binder	92

SAMPLE #: B067
SOURCE: JC04
LAB #: 11755.67 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Tan solid brittle material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	3

Note:

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	97

SAMPLE #: B068
SOURCE: PC01
LAB #: 11755.68 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White & off-white coarse sandy hard brittle materials

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

Note:

OTHER FIBERS	%
Fibrous Talc	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	60
Sand	40

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

ASBESTOS BULK SAMPLE DATA

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(206) 763-7364

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: B069
SOURCE: CT01
LAB #: 11755.69 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Gold compressed fibrous material with off-white paint

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	96

OTHER MATERIALS	%
Paint	4

Note:

SAMPLE #: B070
SOURCE: SC01
LAB #: 11755.70 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Light gray compressed fibrous material with white paint

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	48
Fibrous Glass	30

OTHER MATERIALS	%
Perlite	20
Paint	2

Note:

SAMPLE #: B071
SOURCE: RS01
LAB #: 11755.71 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Black fibrous asphaltic layered material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	50

OTHER MATERIALS	%
Asphalt Filler & Binder	50

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
YZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: David Lesch
PO # A-94-0052-47U

SAMPLE #: B072
SOURCE: RS02
LAB #: 11755.72 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Pink woven fibers with white & light blue plastic coating

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Synthetic	30

OTHER MATERIALS	%
Plastic	70

Note:

SAMPLE #: B073
SOURCE: TR01
LAB #: 11755.73 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Black brittle asphaltic material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Cellulose	Trace

OTHER MATERIALS	%
Asphalt Filler & Binder	100

Note:

SAMPLE #: B074
SOURCE: VC01
LAB #: 11755.74 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White woven silky fibers with gray & black rubbery coating & gold paint

RESULTS:

Layers Homogenized for Analysis
No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%
Fibrous Glass	25

OTHER MATERIALS	%
Mineral Filler & Binder	72
Paint	3

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: B075
SOURCE: IF01
LAB #: 11755.75 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Tan brittle micaceous material with light green, silver and black paint layers

RESULTS:

Layers Homogenized for Analysis

No Asbestos Detected

ASBESTOS TYPE	%

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	50
Paint	10
Vermiculite	40

Note:

SAMPLE #: B076
SOURCE: IF02
LAB #: 11755.76 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
Gray-white soft fibrous powdery material with off-white woven fibrous cover & paint layers

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	50
Amosite	10

OTHER FIBERS	%
Cellulose	10

OTHER MATERIALS	%
Mineral Filler & Binder	20
Paint	10

Note:

SAMPLE #: B077
SOURCE: IT02
LAB #: 11755.77 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White soft fibrous powdery material with off-white woven & papery fibrous covers & paint layers

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	15
Amosite	10
Crocidolite	1

OTHER FIBERS	%
Cellulose	10

OTHER MATERIALS	%
Mineral Filler & Binder	59
Paint	5

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
YZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: B078
SOURCE: IB02
LAB #: 11755.78 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White soft fibrous powdery material with off-white woven & papery fibrous covers & paint layers

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	20
Amosite	10

OTHER FIBERS	%
Cellulose	10
Fibrous Glass	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	57
Paint	3

Note:

SAMPLE #: B079
SOURCE: IP01
LAB #: 11755.79 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
White soft fibrous powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	25
Amosite	5

OTHER FIBERS	%
Fibrous Glass	Trace

OTHER MATERIALS	%
Mineral Filler & Binder	70

Note:

SAMPLE #: B080
SOURCE: IJ01
LAB #: 11755.80 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Creamy white soft fibrous powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	25
Amosite	10
Crocidolite	Less than 1

OTHER FIBERS	%

OTHER MATERIALS	%
Mineral Filler & Binder	65

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukas
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Job Location: **GSA Warehouse #1, Auburn**

Contact: **David Lesch**
PO # A-94-0052-47U

SAMPLE #: B081
SOURCE: IP03
LAB #: 11755.81 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
White soft fibrous powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	5
Amosite	20

OTHER FIBERS %

OTHER MATERIALS %
Mineral Filler & Binder 75

Note:

SAMPLE #: B082
SOURCE: IJ03
LAB #: 11755.82 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
White soft fibrous powdery material

RESULTS:

ASBESTOS TYPE	%
Chrysotile	15
Amosite	20

OTHER FIBERS %
Cellulose Trace
Fibrous Glass Trace

OTHER MATERIALS %
Mineral Filler & Binder 65

Note:

SAMPLE #: B083
SOURCE: IJ04
LAB #: 11755.83 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Light gray soft fibrous powdery material with orange paint flakes

RESULTS:

ASBESTOS TYPE	%
Chrysotile	65
Amosite	10

OTHER FIBERS %
Cellulose Trace

OTHER MATERIALS %
Mineral Filler & Binder 25

Note:

SAMPLED BY: Client DATE: 4/12/94
RECEIVED BY: Leslie Wight DATE: 4/12/94
ANALYZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
NVLAP #1106
Accredited Laboratory

Number of Samples: 85
Project #:
Log #: 11755

Client Name: **Public Health Service**
Contact: **David Lesch**
Job Location: **GSA Warehouse #1, Auburn**
PO # **A-94-0052-47U**

SAMPLE #: **B084**
SOURCE: **IJ05**
LAB #: 11755.84 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: HOMOGENEOUS
Light gray soft fibrous powdery material with green paint flakes

RESULTS:

ASBESTOS TYPE	%
Chrysotile	15
Amosite	1

OTHER FIBERS	%
Cellulose	5
Fibrous Glass	30

OTHER MATERIALS	%
Mineral Filler & Binder	49

Note:

SAMPLE #: **B085**
SOURCE: **IP06**
LAB #: 11755.85 PRIORITY: Regular
LOCATION: None given

MATERIAL DESCRIPTION: LAYERED
White & gray fibrous papery layers

RESULTS:

Layers Homogenized for Analysis

ASBESTOS TYPE	%
Chrysotile	20

OTHER FIBERS	%
Cellulose	78

OTHER MATERIALS	%
Filler & Binder	2

Note:

SAMPLED BY: Client DATE: 4/12/94
[illegible]IVED BY: Leslie Wight DATE: 4/12/94
[illegible]ZED BY: Barbara Gloyd DATE: 4/15/94

COMPANY: General Services Administration
SIGNED: Patricia Lukens
Laboratory Manager

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ASBESTOS BULK SAMPLE DATA

An AIHA #414
and
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Number of Samples: 2
Project #:
Log #: 11878

Client Name: U.S. P.H.S.
Job Location: GSA, Warehouse #1

Contact : Apol/Lesch
PO # A-94-0052-47U

SAMPLE #: B086
SOURCE: IG01
LAB #: 11878.1 PRIORITY: Regular
LOCATION: None Given

MATERIAL DESCRIPTION: HOMOGENEOUS
Gray pliable layer with greenish-gray fibrous material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE %

OTHER FIBERS	%
Cellulose	50
Synthetic	5

OTHER MATERIALS	%
Filler & Binder	45

Note:

SAMPLE #: B087
SOURCE: IG01
LAB #: 11878.2 PRIORITY: Regular
LOCATION: None Given

MATERIAL DESCRIPTION: HOMOGENEOUS
Gray pliable layer with greenish-gray fibrous material

RESULTS:

No Asbestos Detected

ASBESTOS TYPE %

OTHER FIBERS	%
Cellulose	40
Synthetic	5

OTHER MATERIALS	%
Filler & Binder	55

Note:

SAMPLED BY: Client DATE:
RECEIVED BY: Leslie Wight DATE: 04/26/94
ANALYZED BY: Crystal Wright DATE: 05/02/94

COMPANY: U.S. P.H.S.
SIGNED: Patricia Lulons
Laboratory Manager

SAFE ENVIRONMENT OF AMERICA, INC. *dba*
MED-TOX NORTHWEST

December 18, 1995

Mr. Ron Smith
General Services Administration
Safety and Environmental Section
400 15th Street Southwest
Auburn, Washington 98001

Subject: Asbestos Ceiling Tile Abatement
Auburn Facility, Warehouse No. 1 Corridor
400 15th Street Southwest
Auburn, Washington
Med-Tox Northwest Project No. A-3826.C3

Dear Mr. Smith:

The purpose of this close-out letter is to summarize the asbestos-containing ceiling tile abatement project at the Auburn facility, Warehouse No. 1, located at the above mentioned address. TLH Abatement, Inc. (TLH) was the asbestos abatement contractor for the project. Med-Tox Northwest provided project oversight, quality control air monitoring, visual clearance inspection, and clearance air monitoring.

This project included removal of the asbestos-containing ceiling tile and contaminated support grid from the main corridor of Warehouse No.1. Approximately three-quarters of the abatement was performed on Friday night, December 1, 1995. The remainder of the abatement project was conducted on Monday night, December 4, 1995.

The contractor performed the abatement in compliance with WAC 296-62-077, the project specifications, and the previously submitted work plan. Air sampling and analysis was performed in accordance with National Institute for Occupational Safety and Health (NIOSH) Method 7400 ("A" counting rules).

TLH performed asbestos abatement in a negative-pressure enclosure equipped with a three-stage decontamination chamber. All workers performing the abatement used Type C supplied-air, respiratory protection.

Med-Tox Northwest performed a visual inspection in each of the containment areas. Once the areas passed the visual inspection, TLH misted the containment areas with penetrating encapsulant. The clearance sampling in each containment had passing results which were below U.S. Environmental Protection Agency's (EPA) recommended clearance level of

19032 66th Avenue S. • Suite C 105 • Kent, WA 98032 • (206) 656-2920 FAX (206) 656-2924

0.010 fibers per cubic centimeter (f/cc) of air. Sample No. 1204JLG017 became overloaded from an unknown source. The on-site technician judged the disturbance from spray glue being used in the area of the sample. Passing clearance samples were running during the time of the overloaded outside work area sample.

At the time of clearance approval, work areas were considered safe for occupancy with respect to asbestos.

Enclosed are copies of Med-Tox Northwest's air sample data sheets and daily activity logs to provide more comprehensive sampling and activity information not covered in this letter. As you requested, additional project-related information will remain in the project file at Med-Tox Northwest, and may be provided upon request.

If you have any questions or need further information, please call me at (206) 656-2920.

Sincerely,

Steve Dellino

Steve Dellino
Project Manager

Enclosure

FIELD ACTIVITY DAILY LOG

Daily Log	Date	10	2	95
	Sheet	1	of	3.

Client Name: GSA — Project No. A-38333

Project Name: Auburn

I. Daily Activity: Preconstruction Meeting and Preabatement Sampling

1. Contractor Company Name: TLH Abatement

Worker Information:	Fit Test Date	First Aid (Y/N)	SS No.:	* ✓	Asbestos Card No.:	* ✓	Expiration Date:	* ✓
Foreman: Joe Campos								

2. Med-Tox Northwest Personnel: Steve Dellinger

Project Manager: Steve Dellinger

II. Samples: PCM Samples - Sample # 10025JD001 to 005
All PCM Samples were taken on 25 mm, open faced cassettes and analyzed per NIOSH 7400A Rules.

TEM Samples - Sample # — to —

Bulk Samples - Sample # — to —

— Samples - Sample # — to —

* Entry Previously Recorded

Reported By: Steve Dellinger

FIELD ACTIVITY DAILY LOG

Daily Log	Date	10	2	95
	Sheet	2	of	2

IV. Chronology:

Contractor Arrived On Site: 0850 Med-Tox Arrived On Site: 0835

TIME	
0835	Steve Dellino is on site at GSA. Auburn site.
	SD meets with Mike Okora. Mike is unable
	to locate a plan of Bldg. #1.
0845	Mike escorts SD to Warehouse #1 at the
	very south end of GSA Auburn site next to
	the water tower.
0850	The corridor west of warehouse offices and
	east of warehouse is to have ceiling tiles
	abated as ACM material. The hallway is 6½'
	wide and about 225 feet long. The TLH
	crew arrives to see the site for the 1st time.
	Joe Campos the foreman and two other crew are
	on site. Joe had been told to abate in one night
	with a 3 man crew. Joe sizes up project
	and realizes he is short on equipment/supplies
	to set up the containments.
0900	Mike Okora expresses that clearance needs
	to be achieved in the corridor by 6:00 AM
	Thesday to allow for crew to go to work.
0915	Joe calls the TLH office to let them know
	that he wants to postpone job till a weekend.
0925	Joe is called by TLH letting him know that he
	will be sent two more workers and more
	supplies to do the job. tonight. Steve Dellino
	starts the Preabatement samples.
0940	TLH is still questioning the Shift and
	continues conversations at the office. Mike
	Okora leaves the job site.

Reported By: Steve Dellino

FIELD ACTIVITY DAILY LOG

Daily Log	Date	10	2	95
	Sheet	3	of	3

IV. Chronology:

Contractor Arrived On Site: _____ Med-Tox Arrived On Site: _____

TIME	
1745	SD Calls JOH Havelock about shift status
1755	SD continues paperwork on the project while
	the preabatement samples are running
1840	SD talks with security to decypher their procedures.
1915	SD Collects samples and equipment.
1930	SD is off site.

Reported By: Steve Peddicord

FIELD ACTIVITY DAILY LOG

Daily Log	Date	12	1	95
	Sheet	1	of	5

Client Name: GSA — Project No. A38333

Project Name: Auburn - Warehouse 7

I. Daily Activity: set up containment, remove 12 inch x 12 inch ceiling tile in corridor, ceiling tile grid, rehang lights, tear down containment

1. Contractor Company Name: TLH Abatement

Worker Information:	Fit Test Date	First Aid (Y/N)	SS No.:	* ✓	Asbestos Card No.:	* ✓	Expiration Date:	* ✓
Foreman: Paul Woodford		Y	333-74-9213		14725		1/28/96	
Renee Donaldson	7/21/95	Y	503-70-0618		14716		1/28/96	
Jim Kosoff	8/3/95	Y	535-92-6738		11937		11/7/96	
Charles Beinard	7/21/95	Y	535-56-0514		10715		2/15/96	
Chris Yurjevich	10/3/95	N	348-68-3571		16584		7/28/96	

2. Med-Tox Northwest Personnel: Teri Choate

Project Manager: Steve Dellino

II. Samples: PCM Samples - Sample # 120ITRC006 to 013
All PCM Samples were taken on 25 mm, open faced cassettes and analyzed per NIOSH 7400A Rules.

TEM Samples - Sample # — to —

Bulk Samples - Sample # — to —

— Samples - Sample # — to —

* Entry Previously Recorded

Reported By: Teri Choate

FIELD ACTIVITY DAILY LOG

Daily Log	Date	12	1	95
	Sheet	2	of	5

IV. Chronology:

Contractor Arrived On Site: 16:30 Med-Tox Arrived On Site: 16:30

TIME	
16:30	TKC met with Paul W. of TLH. He has a crew of on site. They will remove approx 3/4 length of corridor 12" ceiling tiles. They need to leave access for police to get to and from their office. This had been relayed to supervisor from the general contractor at approx. 15:00 today. They will then complete corridor on 12/4/95. Crew will build containment, remove tiles, have clearances ran, then will tear down containment by end of shift. TKC and Paul W. walked through work area. TKC showed where surveillance camera will need to be covered. TKC will informed police that the camera will be covered for protection from water, tiles etc. Crew prepping
17:15	Ron Smith of GSA on site. TKC and Ron S. discussed project. He did not have requested items specs. etc available. Samples are to be 1200 L/minimum for clearances. TKC will call and leave clearance info for Ron S. in the morning of 12/2/95. Crew continues to prep containment and decons.
17:30	TKC located space for use during work shift. TKC starting paperwork.
18:00	TKC setting up air sampling pumps. TLH continues to

Reported By: Teri Choate

FIELD ACTIVITY DAILY LOG

Daily Log	Date	12	1	95
	Sheet	3	of	5

IV. Chronology:

Contractor Arrived On Site: _____ Med-Tox Arrived On Site: _____

TIME	
	prep containment. TKC has update STO of MTNW on progress
18:45	Paul W of TLH has called TLH Shop Steward for correct PD respirators, he had been given PAPR's. Shop person will bring the PD's to the site. Crew continues to prep containment.
19:30	Crew setting up air compressor and air lines, also final details of containment.
20:00	TKC and Paul W of TLH walking through the containment. Negative air machine is ~~dae~~ on, air machine set, containment has 1 layer walls, 2 layer floor with drop sheet. Containment passes integerity test.
20:15	TLH crew and TKC off site for lunch break.
21:00	Everyone on site. Shop steward has brought correct respirators. Crew preparing to enter work area. TKC reminded lead man that all penetrations above the ceiling tiles must be sealed. Crew will remove ceiling tiles and load in mega boxes, then wire up lights, complete with grid removal. Approx. tile removal 1230 sq ft tonight
21:30	TLH crew of 4 inside containment removing ceiling tile Paul W showed TKC PSAPCA and L+I notices,

Reported By: Teri Choate

FIELD ACTIVITY DAILY LOG

Daily Log	Date	12	1	95
	Sheet	4	of	5

IV. Chronology:

Contractor Arrived On Site: _____ Med-Tox Arrived On Site: _____

TIME	
	all is in order. TKC will start air sampling pumps
22:15	TKC has checked work progress through view window. TLH crew has removed approx. 450 sq. ft. of ceiling tile already and continue to remove. TKC updating paperwork.
22:40	TLH loading out mega box. Crew continues to remove ceiling tile
23:10	TLH has removed approx. 900 sq. ft. of ceiling tile They are rehanging lights as they go and are remove tile grid except end pieces.
00:00	TLH crew has removed all ceiling tile, grid and rehung lights in containment. They are wet wiping work area.
00:30	TLH's airless has broken. They will use Hudson sprayers. Crew continues to wet wipe area.
01:00	TKC will collect air sampling pumps. TLH loading out equipment and picking up drop cloth.
01:20	TKC preparing to enter work area to visually inspect.
02:00	Containment has visually passed inspection. 3 crew out of containment. 1 crew encapsulating with Hudson

Reported By: Jen Choate

FIELD ACTIVITY DAILY LOG

Daily Log	Date	12	1	95
	Sheet	5	of	5.

IV. Chronology:

Contractor Arrived On Site: _____ Med-Tox Arrived On Site: _____

TIME	
02:20	TLH crew loading truck with equipment, supplies, and mega boxes. TKC out of work area.
03:15	TLH crew complete loading. TKC reading air samples
03:40	TKC entering work area to collect clearance air samples.
03:47	TKC out of work area. TKC will prep and read clearance samples
04:04	TKC informed Paul W that area cleared. TLH crew will tear down containment and load out poly, negetive air machine, etc.
04:35	TKC has informed P.D area is cleared. TLH has completed tear down and load out. TKC has walk work area and all is in order. TLH has left a poly barrier where ceiling tile removal stopped so to seal off non-abated area above ceiling tiles. TLH crew and TKC off site.
NOTE	On 12/2/95, TKC left Ron Smith of GSA, project update and clearance sampling information on his home answering machine.

Reported By: Teri Choate

FIELD ACTIVITY DAILY LOG

Daily Log	Date	12	04	95
	Sheet	1	of	4

Client Name: GSA — Project No. A 3233.3

Project Name: Auburn - Warehouse 1

I. Daily Activity: Set up Containment remove 12in. X 12in. ceiling tile in hallway, ceiling tile grid, re hang lights, tear down containment

1. Contractor Company Name:

Worker Information:	Fit Test Date	First Aid (Y/N)	SS No.:	* ✓	Asbestos Card No.:	* ✓	Expiration Date:	* ✓
Foreman: Paul Woodford	1/15/96	Y	333-74-9213		14725		1/28/96	
Mike Cadadal	12/13/95	N	535-72-9189		013949		7/02/96	
Casey Hunter	1/13/96	N	532-04-4518		013039		2/24/96	
Renee Donaldson	7/21/95	Y	503-70-0618		14716		1/28/96	
Chris Yurjevich	10/3/95	N	348-68-3571		16584		7/28/96	

2. Med-Tox Northwest Personnel: Jon Gage

Project Manager: Steve Dellino

II. Samples: PCM Samples - Sample # 1204XG014 to _____

All PCM Samples were taken on 25 mm, open faced cassettes and analyzed per NIOSH 7400A Rules.

TEM Samples - Sample # _____ to _____

Bulk Samples - Sample # _____ to _____

_____ Samples - Sample # _____ to _____

* Entry Previously Recorded

Reported By: Jon Gage

FIELD ACTIVITY DAILY LOG

Daily Log	Date	12	04	95
	Sheet	2	of	4

IV. Chronology:

Contractor Arrived On Site: _____ Med-Tox Arrived On Site: 17:45

TIME	
17:45	JCG met with Paul W. of TLH. There is a crew of 5, including himself, on site. TLH will remove approx. 1/4 length of corridor 12" ceiling tiles. Today is completion date for abatement in this corridor. Crew will build containment, remove tiles, have clearances ran, & will disassemble containment by end of shift.
18:00	JCG begins paperwork & setting up microscope. JCG asks Paul W. when it's going to be possible to run clearances. Paul W. informs JCG not until about 24:00. Crew goes to lunch after constructing containment.
19:00	TLH crew returns from lunch. JCG asks Paul W. if he plans to use airless encapsulant, Paul W. replies yes.
19:30	Everyone is on site, crew preparing to enter work area. Crew will remove ceiling tiles & & perform grid removal followed by wiring up the lights. Abatement begins.
20:00	JCG ~~dep~~ prepares to start air sampling for OWAs
20:15	Paul W. informs JCG that abatement is ahead of schedule, & ready for clearance by 21:30. Because JCG only has 4 pumps he decides to run 2 OWAs instead of 3. One outside the clean

Reported By: Jon Daye

FIELD ACTIVITY DAILY LOG

Daily Log	Date	12	04	95
	Sheet	3	of	4

IV. Chronology:

Contractor Arrived On Site: _____ Med-Tox Arrived On Site: _____

TIME	
	room in decon, and the other at HEPA exhaust
21:30	JCG suits up to enter containment after Paul W. informs him its ready. Visual inspection passes, JCG tells Renee D. to clean better along electrical piping horizontal surfaces
21:45	JCG sets up & starts clearance pumps at 13.5 l/min. JCG waits ~~two~~ for 15 min after Renee D. finishes spraying encapsulant.
22:00	JCG has trouble with high blank count readings so he calls Dave Braungardt from Med Tox to help him determine possible source of contamination.
22:05	Paul W. asks JCG. if alright to disassemble clean room cube in order to downsize his crew. JCG. informs him that as long as the integrity of the enclosure is intact & the air sample isn't affected, then alright. Paul W. informs JCG he will be using an ~~air~~ valve spray gun but assures JCG he'll keep spray out of proximity of the air sample.
22:45	Majority of TLH crew leaves - only Paul W. & on worker remain.

Reported By: Jim Daigle

FIELD ACTIVITY DAILY LOG

Daily Log	Date	12	04	95
	Sheet	4	of 4	

IV. Chronology:

Contractor Arrived On Site: _____ Med-Tox Arrived On Site: _____

TIME	
23:30	JLG pulls air sampler.
23:45	JLG analyzes air samples
24:15	JLG finishes analyzing samples. Fiber counts on clearance sampler are extremely high, however they do fall under 0.01 f/cc standard & JLG isn't sure about high blank count's effect upon the clearances. JLG tells Paul W. that he can disassemble the containment. JLG notices that the sample outside of decon is "too dirty" to count & informs Paul W. that he is disappointed w/ his assurances.
24:30	JLG completes his analysis while TLH completes tear down & load out.
24:45	JLG & TLH leave GSA abatement site

Reported By: Jon Ange

Page 1 of 1

FIELD DATA SHEET

Reviewed by [illegible] Date -8-95

Med-Tox Northwest Job No.: A-3833.3
Sampling Date: 10-2-95
Name of Client: GSA
Name of Jobsite: Auburn Warehouse #1
Address of Jobsite: 400 - 15th Street SW
Auburn, WA 98001
Abatement Contractor: TLH Abatement
Abatement Contractor Job No.:

SAMPLING AND ANALYSIS RECORD

Analytic Method: NIOSH 7400 A Issue 2
Name of Lab: Med-Tox Northwest
Address of Lab: 19032 66th Ave S., Ste. C-105, Kent, Washington 98032
Phone: (206) 656-2920
Fax: (206) 656-2924

OTHER LABORATORY

or
or
or
or
or
or

10025JD Sample ID No.	Pump No.	Sample Type, Location or Worker Name, Activity	Roto No: Flow Rate in L/Min Pre/Post	Flow Rate in L/Min Average	Time on 24-hr. Clock On	Time on 24-hr. Clock Off	Total Time (min)	Air Volume (liters)	Fibers/ Fields	F/mm²	P/F	F/cc	LOD F/cc
001		Blank							1/100	1.3			
002		Blank							0/100	0.0			
003	ENV 8	Preabatement, 35' from north	12.3/12.3	12.3	1730	1915	105	1291.5	18/100	22.3		0.007	
		end of office corridor											
004	ENV 7	Preabatement, center of	12.3/12.3	12.3	1735	1918	103	1266.9	6/100	7.0		0.002	
		office corridor											
005	7060	Preabatement, 30' from south	12.3/12.3	12.3	1740	1922	102	1254.6	3/100	<7.0		<0.002	
		end of office corridor											
		TWA:	(SS# ___ - ___ - ___)										
		QC: Duplicate											

Sampled by: (print) Steve Detlino Microscopist: (print) C. Evans (Signature) [signature] Date of Analysis: 10/4/95
NIOSH 582 Equivalent Course: Yes ☒ Course Offered: ☐Med-Tox Northwest ☒Other UW / NIOSH Course Date: 6/91

Blank Average f/mm² _____
10% Blind Reanalysis _____
Temperature: ____ RH(%) ____
Filter Diameter: 25 mm, Filter Area: 385 mm², Graticule Area: 0.00785 mm or: _____
Intralab QC Program: yes, Interlab QC Program: yes, Current QC Info. Posted at Med-Tox Lab: yes, AIHA/PAT Number: 11542
TEM Cassette Mfr: _____
Lot Number: _____

Engineering Controls	Activity Performed	Protective Equipment	Respiratory
☐ Negative Pressure Enclosure	☒ Preabatement	☐ Tyvek	☐ Half-Face
☐ Glovebag	☐ Sampling	☐ Boots	☐ Type C
☐ Regulated Area	☐	☐ Gloves	☐ PAPR
☐	☐	☐ Safety Glasses	☐
☐	☐	☐	☐

Comments: Sample 003 fell to tile floor during last 10 minutes of sample collection.

Notes: P = Pass—Values below 70 structures/mm² pass the AHERA criteria for completion of response action for asbestos
F = Fail—Values greater than 70 structures/mm² fail the AHERA criteria for completion of response actions for asbestos

Sample Type Key: IWA = Inside Work Area, MCW = Most Contaminated Worker, OWA = Outside Work Area, TWA = Time Weighted Average, HEPA = High Efficiency Particulate Air, STEL = Short Term Exposure Limit.
Fiber counts below the 100–1300 fiber/mm² range should be considered as having "greater than optimal variability" and as being "probably biased."

Page 1 of 2

FIELD DATA SHEET

Reviewed by AD Date 1-7-95

Med-Tox Northwest Job No.: A3833.3

Sampling Date: 12/1/95

Name of Client: GSA

Name of Jobsite: Warehouse 7 - Auburn

Address of Jobsite: 400 15th St S.W Auburn WA 98001

Abatement Contractor: JLH Abatement

Abatement Contractor Job No.:

SAMPLING AND ANALYSIS RECORD — **OTHER LABORATORY**

Analytic Method: NIOSH 7400 A Issue 2 or

Name of Lab: Med-Tox Northwest or

Address of Lab: 19032 66th Ave S., Ste. C-105, Kent, Washington 98032 or

Phone: (206) 656-2920 or

Fax: (206) 656-2924 or

120/TWC Sample ID No.	Pump No.	Sample Type, Location or Worker Name, Activity	Roto No: HLRS Flow Rate in L/Min Pre/Post	Flow Rate Average	Time on 24-hr. Clock On	Off	Total Time (min)	Air Volume (liters)	Fibers/ Fields	F/mm²	P/F	F/cc	LOD F/cc
006		Blank							1/100	1.3			
007		Blank							0/100				
008	ENV 15	OWA at S. entrance to	6.1/6.1	6.1	21:40	01:00	200	1220	2.5/100	<7.0		<0.002	
		Regional Control Center office (R.C.C.)											
009	ENV 8	OWA - clean rm decon - 2ft.	6.1/6.1	6.1	21:49	01:10	201	1226.1	6.5/100	7.7		0.002	
		W of N entrance to R.C.C.(1)											
010	ENV 7	HEPA - at exhaust, S. window	6.1/6.1	6.1	21:53	01:14	201	1226.1	0/100	<7.0		<0.002	
		on E side of lunchroom.											
011	ENV 16	OWA - S. end of corridor S.	6.1/6.1	6.1	21:57	01:17	200	1220	10/100	12.1		0.004	
		TWA: (SS# - -)											
009	ENV 8	QC: Duplicate						1226.1	5/100	<7.0		<0.002	

Sampled by: (print) Teri Choate Microscopist: (print) Teri Choate (Signature) Teri Choate Date of Analysis: 12/1/95

NIOSH 582 Equivalent Course: Yes ☑ Course Offered: ☐ Med-Tox Northwest ☑ Other Med-Tox Assoc. Course Date: 2/90

Blank Average f/mm² .6

10% Blind Reanalysis ✓

Temperature: ____ RH(%) ____

Filter Diameter: 25 mm, Filter Area: 385 mm², Graticule Area: 0.00785 mm or:
Intralab QC Program: yes, Interlab QC Program: yes, Current QC Info. Posted at Med-Tox Lab: yes, AIHA/PAT Number: 11542
TEM Cassette Mfr:
Lot Number:

Engineering Controls	Activity Performed	Protective Equipment	Respiratory
☑ Negative Pressure Enclosure	☑ removal ceiling tile, grid	☑ Tyvek	☐ Half-Face
☐ Glovebag	☐	☐ Boots	☑ Type C
☐ Regulated Area	☐	☐ Gloves	☐ PAPR
☐	☐	☐ Safety Glasses	☐
☐	☐	☐	☐

Comments:

Notes: P = Pass—Values below 70 structures/mm² pass the AHERA criteria for completion of response action for asbestos
F = Fail—Values greater than 70 structures/mm² fail the AHERA criteria for completion of response actions for asbestos

Sample Type Key: IWA = Inside Work Area, MCW = Most Contaminated Worker, OWA = Outside Work Area, TWA = Time Weighted Average, HEPA = High Efficiency Particulate Air, STEL = Short Term Exposure Limit.
Fiber counts below the 100–1300 fiber/mm² range should be considered as having "greater than optimal variability" and as being "probably biased."

FORMS\LAB\FLDDATA3.doc 10/21/94

(1) R.C.C. Regional Control Center

Page 2 of 2

FIELD DATA SHEET

Reviewed by ____ Date 8-95

Med-Tox Northwest Job No.: A 3833.3
Sampling Date: 12/1/95
Name of Client: G.S.A
Name of Jobsite: Warehouse 1-Auburn
Address of Jobsite: 400 15th St. S.W
Auburn, WA 98001
Abatement Contractor: TLH Abatement
Abatement Contractor Job No.: ____

SAMPLING AND ANALYSIS RECORD

		OTHER LABORATORY
Analytic Method:	NIOSH 7400 A Issue 2	or ____
Name of Lab:	Med-Tox Northwest	or ____
Address of Lab:	19032 66th Ave S., Ste. C-105	or ____
	Kent, Washington 98032	or ____
Phone:	(206) 656-2920	or ____
Fax:	(206) 656-2924	or ____

1201TKC Sample ID No.	Pump No.	Sample Type, Location or Worker Name, Activity	Roto No: HLRS Flow Rate in L/Min Pre/Post	Average	Time on 24-hr. Clock On	Off	Total Time (min)	Air Volume (liters)	Fibers/ Fields	F/mm²	P/F	F/cc	LOD F/cc
		in W side of loadout decon											
012	ENV 16	Clearance - Approx 35 ft. N	13.8/13.8	13.8	02:15	03:43	88	1214.4	2.5/100	<7.0		<0.002	
		of S entrance to corridor											
013	ENV 8	Clearance - Approx 28 ft. S.	13.8/13.8	13.8	02:15	03:43	88	1214.4	7.5/100	9.0		0.003	
		of S entrance to R.C.C.(1)											
		TWA:	(SS# ___ - ___ - ____)										
		QC: Duplicate											

Sampled by: (print) Teri Choate Microscopist: (print) Teri Choate (Signature) Teri Choate Date of Analysis: 12/1/95
NIOSH 582 Equivalent Course: Yes ☑ Course Offered: ☐Med-Tox Northwest ☑Other Med-Tox Assoc. Course Date: 2/90
Blank Average f/mm² .6
10% Blind Reanalysis ✓
Temperature: ___ RH(%) ___

Filter Diameter: 25 mm, Filter Area: 385 mm², Graticule Area: 0.00785 mm or: ____
Intralab QC Program: yes, Interlab QC Program: yes, Current QC Info. Posted at Med-Tox Lab: yes, AIHA/PAT Number: 11542
TEM Cassette Mfr: ____
Lot Number: ____

Engineering Controls	Activity Performed	Protective Equipment	Respiratory
☑ Negative Pressure Enclosure	☑ ceiling tile removal	☑ Tyvek	☐ Half-Face
☐ Glovebag	☐ and grid	☐ Boots	☑ Type C
☐ Regulated Area	☐	☐ Gloves	☐ PAPR
☐	☐	☐ Safety Glasses	☐
☐	☐	☐	☐

Comments: ____

Notes: P = Pass—Values below 70 structures/mm² pass the AHERA criteria for completion of response action for asbestos
F = Fail—Values greater than 70 structures/mm² fail the AHERA criteria for completion of response actions for asbestos

Sample Type Key: IWA = Inside Work Area, MCW = Most Contaminated Worker, OWA = Outside Work Area, TWA = Time Weighted Average, HEPA = High Efficiency Particulate Air, STEL = Short Term Exposure Limit.
Fiber counts below the 100–1300 fiber/mm² range should be considered as having "greater than optimal variability" and as being "probably biased."
FORMS\LABS\LDDATA2.WQ; 10/21/94

(1) R.C.C - Regional Control Center.

e 1 of 2

FIELD DATA SHEET

Reviewed by [initials] Date [illegible]

d-Tox Northwest Job No.: A3833.3
npling Date: 12/04/95
ne of Client: GSA
ne of Jobsite: Warehouse I Auburn
dress of Jobsite: 400 15th St. S.W. Auburn WA 98001
atement Contractor: TLH
atement Contractor Job No.:

SAMPLING AND ANALYSIS RECORD

Analytic Method: NIOSH 7400 A Issue 2
Name of Lab: Med-Tox Northwest
Address of Lab: 19032 66th Ave S., Ste. C-105, Kent, Washington 98032
Phone: (206) 656-2920
Fax: (206) 656-2924

OTHER LABORATORY

or
or
or
or
or
or

04XG Sample ID No.	Pump No.	Sample Type, Location or Worker Name, Activity	Roto No: HLR1 Flow Rate in L/Min Pre/Post	Average	Time on 24-hr. Clock On	Off	Total Time (min)	Air Volume (liters)	Fibers/Fields	F/mm²	P/F	F/cc	LOD F/cc
014		Blank							6	7.6			
015		Blank							5	6.4			
016		OWA N. entrance of corridor	(Didn't do)										
017	7060	OWA clean rm. in decon 20 ft. N of lunch rm.	12/12		20:45	23:30	165	1944	(Too dirty to count due to possible spray glue contamination)				
018	7059	HEPA exhaust 20ft. E of N corridor entrance	12/12		20:50	22:50	120	1440	11	7.1		.002	
019	7062	Clearance 20ft. from N. corridor entrance	13.5/13.5		21:48	23:30	102	1377	30	31.2		.009	
		TWA:	(SS# ___-__-____)										
018		QC: Duplicate						1440	12	8.3		.002	

Sampled by: (print) Jon Gage Microscopist: (print) Jon Gage (Signature) Jon Gage Date of Analysis: 12/04/95
NIOSH 582 Equivalent Course: Yes ☒ Course Offered: ☒Med-Tox Northwest ☐Other Course Date: 12/95

Blank Average f/mm² 7
10% Blind Reanalysis ✓
Temperature: ____ RH(%) ____
Filter Diameter: 25 mm, Filter Area: 385 mm², Graticule Area: 0.00785 mm or: ____
Intralab QC Program: yes, Interlab QC Program: yes, Current QC Info. Posted at Med-Tox Lab: yes, AIHA/PAT Number: 11542
TEM Cassette Mfr: ____
Lot Number: ____

Engineering Controls	Activity Performed	Protective Equipment	Respiratory
☒ Negative Pressure Enclosure	☒ removal - ceiling	☒ Tyvek	☐ Half-Face
☐ Glovebag	☐ tile & grid	☐ Boots	☒ Type C
☐ Regulated Area	☐	☐ Gloves	☐ PAPR
☐	☐	☐ Safety Glasses	☐
☐	☐	☐	☐

Comments:

Notes: P = Pass—Values below 70 structures/mm² pass the AHERA criteria for completion of response action for asbestos
F = Fail—Values greater than 70 structures/mm² fail the AHERA criteria for completion of response actions for asbestos
Sample Type Key: IWA = Inside Work Area, MCW = Most Contaminated Worker, OWA = Outside Work Area, TWA = Time Weighted Average, HEPA = High Efficiency Particulate Air, STEL = Short Term Exposure Limit.
Fiber counts below the 100–1300 fiber/mm² range should be considered as having "greater than optimal variability" and as being "probably biased."
[illegible] 10/21/94

FIELD DATA SHEET

Reviewed by D Date 12-8-95

Med-Tox Northwest Job No.: A38333
Sampling Date: 12/04/95
Name of Client: GSA
Name of Jobsite: Warehouse 1 Auburn
Address of Jobsite: 400 15th st. S.W.
Auburn WA 98001
Abatement Contractor: TLH
Abatement Contractor Job No.:

SAMPLING AND ANALYSIS RECORD

Analytic Method:	NIOSH 7400 A Issue 2	or
Name of Lab:	Med-Tox Northwest	or
Address of Lab:	19032 66th Ave S., Ste. C-105	or
	Kent, Washington 98032	or
Phone:	(206) 656-2920	or
Fax:	(206) 656-2924	or

OTHER LABORATORY

Sample ID No.	Pump No.	Sample Type, Location or Worker Name, Activity	Roto No: HLR1 Flow Rate in L/Min Pre/Post	Average	Time on 24-hr. Clock On	Off	Total Time (min)	Air Volume (liters)	Fibers/ Fields	F/mm²	P/F	F/cc	LOD F/cc
020	HV11	Clearance 50 ft. from N.	13.5/13.5		21:50	23:30	100	1350	31	32.5		.009	
		corridor entrance											
		TWA: (SS# - -)											
		QC: Duplicate											

Sampled by: (print) Jon Gage Microscopist: (print) Jon Gage (Signature) Jon Gage Date of Analysis: 12/04/95
NIOSH 582 Equivalent Course: Yes ☒ Course Offered: ☒Med-Tox Northwest ☐Other Course Date: 12/95

Blank Average f/mm² 7
10% Blind Reanalysis Y
Temperature: ____ RH(%)____

Filter Diameter: 25 mm, Filter Area: 385 mm², Graticule Area: 0.00785 mm or:
Intralab QC Program: yes, Interlab QC Program: yes, Current QC Info. Posted at Med-Tox Lab: yes, AIHA/PAT Number: 11542
TEM Cassette Mfr:
Lot Number:

Engineering Controls	Activity Performed	Protective Equipment	Respiratory
☒Negative Pressure Enclosure	☒ removal - ceiling	☒Tyvek	☐ Half-Face
☐ Glovebag	☐ tile & grid	☐ Boots	☒ Type C
☐ Regulated Area	☐	☐ Gloves	☐ PAPR
☐	☐	☐ Safety Glasses	☐
☐	☐	☐	☐

Comments:

Notes: P = Pass—Values below 70 structures/mm² pass the AHERA criteria for completion of response action for asbestos
F = Fail—Values greater than 70 structures/mm² fail the AHERA criteria for completion of response actions for asbestos

Sample Type Key: IWA = Inside Work Area, MCW = Most Contaminated Worker, OWA = Outside Work Area, TWA = Time Weighted Average, HEPA = High Efficiency Particulate Air, STEL = Short Term Exposure Limit.
Fiber counts below the 100–1300 fiber/mm² range should be considered as having "greater than optimal variability" and as being "probably biased."